

University of Pennsylvania - School of Medicine
Curriculum Vitae

June 2, 2013

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Education:

-(b)(6)--	B.A. with High Honors, University of Connecticut (Mathematics)
1970-72	M.A., Temple University (Mathematics)
1978-80	Post-Baccalaureate Pre-Health Program, University of Pennsylvania
1980-84	M.D., University of Pennsylvania
1996-97	MSc, Harvard School of Public Health (Epidemiology)

Postgraduate Training and Fellowship Appointments:

1984-87	Residency in Internal Medicine McGaw Medical Center of Northwestern University Chicago, IL
1987-89	Fellow in Allergy and Immunology McGaw Medical Center of Northwestern University, Chicago, IL
1995	Program in Clinical Effectiveness Harvard School of Public Health

Faculty Appointments:

1988-89	Instructor of Clinical Medicine Northwestern University Medical School, Chicago, IL
1990-96	Assistant Professor of Medicine University of Connecticut School of Medicine, Farmington, CT
1996-98	Associate Professor of Medicine University of Connecticut School of Medicine, Farmington, CT
1998-	Senior Fellow, Leonard Davis Institute of Health Economics University of Pennsylvania, Philadelphia, PA
1998-	Associate Scholar, Center for Clinical Epidemiology & Biostatistics
1999-2006	Associate Professor of Medicine, Department of Medicine University of Pennsylvania
2004 -	Faculty, Graduate Program in Public Health Studies, University of Pennsylvania
2005-	Faculty, Robert Wood Johnson Clinical Scholars Program at the University of Pennsylvania

2006-	Member, Center of Excellence in Environmental Toxicology
2007-	Professor, Department of Medicine, University of Pennsylvania
2008-	Senior Fellow, Center for Public Health Initiatives (CPHI)
2009-	Program Director, Allergy & Immunology
2010-	Chief, Section of Allergy & Immunology
2011-	Senior Fellow, Center for Health Behavior Research
2012-	Investigator, Center for Pharmacoepidemiology Research and Training

Hospital and University and Related Administrative Appointments:

1989-92	Attending Physician, Middlesex Hospital, Middletown, CT
1989 -1990	Private Practice, Allergy-Immunology and General Internal Medicine, Essex, CT
1990-98	Chief, Section of Allergy and Immunology, University of Connecticut Health Center, Farmington, CT
1990-98	Consultant in Allergy, Taste and Smell Center, Connecticut Chemosensory Research Center, Farmington, CT
1990-91	Physician, Employee/Student Health University of Connecticut Health Center, Farmington, CT
1997-98	Consultant, Connecticut Peer Review Organization, Middletown, CT Medicaid/Managed Care Pediatric Asthma Project
1996-98	Consultant, Connecticut Children's Hospital, Hartford, CT
1997-98	Courtesy Medical Staff, Allergy and Immunology, Internal Medicine St. Francis Hospital and Medical Center, Hartford, CT
1998-	Hospital of the University of Pennsylvania, Philadelphia, PA
1998 -	Co-Director University of Pennsylvania Comprehensive Asthma Program, Philadelphia, PA
1999-	Chief, Allergy and Immunology, Presbyterian Medical Center, Philadelphia, PA

Specialty Certification:

1985	National Board of Medical Examiners
1987	American Board of Internal Medicine
1989-1999	American Board of Allergy and Immunology.
1999-2012	American Board of Allergy and Immunology, Recertification.
2012-2022	American Board of Allergy and Immunology, Recertification

Licensure:

1984-1990	Illinois
1989 - 1999	Connecticut
1998-	Pennsylvania

Awards, Honors, and Memberships in Honorary Societies:

-(b)(6)--	Alpha Lambda Delta Honors Program
-(b)(6)--	University Scholar Phi Beta Kappa Mortar Board Pi Mu Epsilon

	Phi Kappa Phi
2000	AAAAI Interest Section Award
2001	AAAAI Interest Section Award
2001	Women Physicians in Allergy Award, AAAAI
2002	Top Doc, Philadelphia Magazine
2003	Will Rogers Institute Fellowship
2004	John Morgan Society
2004	Bach Fund Award
2004	University Research Foundation Award
2004	Robert J. Becker Lectureship, AAAAI
2005	5 th Annual Mark Schiff, MD Visiting Professor Award. North Shore-Long Island Jewish Health System.
2006	American Academy of Allergy Asthma and Immunology Women's Involvement in the AAAAI Special Recognition Award
2009 -	Best Doctors in America
2009	Honored at First Annual Celebration of Women Faculty, University of Pennsylvania
2010	AAAAI Distinguished Clinician Award
2011-2012	Philadelphia Magazine's Top Doctors (Castle Connolly)\
2012-2013	Philadelphia Super Doctors
2012	US News and World Report's Top Doctors
2012-2013	SuperDoctors.com
2013	Best Doctors in America

Memberships in Professional and Scientific

Societies:

Member, NHLBI Asthma Outcomes Workshop, 2009 - 2010
 Director, American Board of Allergy and Immunology, 2005-2010
 Nominating Committee, 2009-2010; Chair of Nominating Committee 2010;
 Finance Committee 2009-2010
 Co-PI for Philadelphia Center of ALA Asthma Clinical Research Centers, 2008-2009
 National Societies:
 American Academy of Allergy, Asthma, and Immunology (AAAAI) – Fellow
 Board of Directors 2011-2015
 Board of Directors representative to the Fellows-in-Training Assembly 2013-2014
 Advocacy Task Force, 2006-
 Workforce Committee 2011-
 Committee on Underserved, Vice Chair 2004-2007, Chair 2008, Member 2009-
 International Committee, Chair, 2004-2007
 Program Committee, 2004-2006
 Seminars Subcommittee, Vice-Chair 2004-2006
 Evaluation and Outcomes Research Committee 2004-2006
 Health Care Delivery and Quality, International Committee, Chair, 2003-2006
 Adherence Educational Initiative Committee, 2003-2005
 Health Care Delivery/Epidemiology Interest Section
 Chair, 2000-2003
 Health Policy Educational Network Committee (1999-2000)
 Vice-Chair, 1999-2000, Chair, 2000
 Committee on Women's Involvement in the AAAAI (1996-)
 Chair, 1996-99
 Pharmacotherapeutics Committee (1993-)

Secretary, 1993-95
Vice-Chair, 1995-7
Chair, 1997-1999
Allergic Bronchopulmonary Aspergillosis Committee (1993-96)
Cochair, 1993-94
Chair, 1994-96
Training Program Directors (scholarships to participate) (1993-97)
Subgroup on Education Resources, 1993
Scholarship Subcommittee, 1995
Food and Drug Interest Section, 1993-1996
Asthma, Rhinitis and Respiratory Diseases Interest Section (1996-2001)
Committee on Undergraduate and Graduate Education, 1994-1996
Committee on Primary Immunodeficiency, 1995
Co-chair, Joint Initiative in Osteoporosis, American Academy of Allergy,
Asthma and Immunology and American College of Allergy,
Asthma and Immunology (1997-98)
American College of Allergy and Immunology –Fellow
Basic and Clinical Immunology Committee
American College of Physicians, Fellow, 1991- #003390.
American Thoracic Society – Member – 1999-
Behavioral Science Assembly – 1999-
Program Committee-Abstract Reviewer for International Conference,
2001-
Behavioral Science Program Committee: 2001- present
Chair-Elect, 2001-2, Chair, 2002-2003
Abstract Reviewer 2001-present
Advisory Group for the American Thoracic Society's Health Care Policy
Committee
Planning Committee, Behavioral Sciences Assembly, 2003-2004
Nominating Committee, Behavioral Sciences Assembly, 2004-2005
Nominating Committee, Behavioral Sciences Assembly, 2008-2009
Chair, Nominating Committee, Behavioral Science Assembly, 2009-
2010
Patient and Family Education Committee, 2010-2011
American Lung Association – Member – 1999
National Asthma Educator Certification Board of Directors – 2000-2001
2005 GSK Allergy Fellowship Faculty Review Board

Regional Societies:

Connecticut Allergy Society, 1989 - 1998
New England Allergy Society, 1989-1998
Connecticut Thoracic Society, 1993-1998
Hartford County Medical Association, 1990-1998
Connecticut State Medical Society, 1989-98
Philadelphia Allergy Society, 1998-
Pennsylvania Allergy & Asthma Association, 2010-

Editorial Positions:

NIH Study Sections

Ad Hoc Reviewer, Risk Prevention and Health Behavior IRG, Study Section RPHB-3—
now renamed Behavioral Medicine: Interventions & Outcomes Study Sec,
2/7/2000, 6/15/2000, 10/12/2000, 2/8-9/2001, 10/11-12/2001, 2/8/2002, 6/13-
14/2002, 10/10-11/2002, 2/20-21/2003, 10/2003, 6/2004, 10/2004, 2/2005,
6/2005

EDC-1 Special Emphasis Panel, 8/7/2002

Roadmap Special Emphasis Panel: 7/2004

Study Section, NIH/NIAID Allergy and Allergic Diseases Cooperative Research Centers
Review Committee, October 16-18, 2007

FDA

Allergenic Products Advisory Committee, Sept 1, 2013- August 31, 2017

Pulmonary-Allergy Drug Advisory Committee, Food and Drug

1999 Consultant

1999-2003 Member

FDA Blood Products Advisory Committee, Voting Temporary Member, 5/1/2008

FDA Pulmonary Allergy Drug Advisory Committee, 11/18/2009, Voting Temporary
Member. Extend BLA of Xolair to moderate to severe asthma in patients between 6-11
yrs

Observational Safety Monitoring Board, Asthma Center on Community, Environment, and Social
Stress (ACCESS), Harvard University and Center for Community Health Education, Research
and Service (NHLBI U01 72495-01), 2003-2008

Data Safety Monitoring Board for NHLBI Asthma Clinical Research Network (II), 2006-
Scientific Outside Advisory Board Meeting for Center for Childhood Asthma in the Urban
Environment, Bloomberg School of Public Health, 2009-

NIH Asthma Outcomes Workshop Participant, 2009-2010

NIH/NHLBI Division of Lung Diseases Workshop on Comparative Effectiveness Research in
Lung Diseases. 9/30-10/1/2010

University of Puerto Rico-Cambridge Health Alliance Center of Excellence Advisory Board
2010-2011.

NIH/NIAID - Asthma & Allergic Diseases Cooperative Research Centers - Study section. 2011.

Scientific Advisory Board Member, Center for Childhood Asthma in the Urban Environment,
Johns Hopkins University project funded by NIH/NIEHS, 2009-2011

Co-editor

August 1998 Allergy and Immunology Clinics of North America: Bronchopulmonary
Aspergillosis

Journal of Allergy and Clinical Immunology

2000- Editorial Board, Journal of Allergy and Clinical Immunology

2000- New Products Series Editor, Journal of Allergy and Clinical Immunology

2003- Associate Editor for Clinical and Health Services Research, Journal of Allergy
and Clinical Immunology

UpToDate

2012- Contributor: Enhancing patient adherence to asthma therapy; What do patients need to know about their asthma?

Guest Reviewer:

Journal of the American Medical Association (JAMA)
New England Journal of Medicine
Annals of Internal Medicine
Journal of Allergy and Clinical Immunology
American Review of Respiratory and Critical Care Medicine
Annals of Allergy Asthma & Immunology
Allergy and Asthma Proceedings
American Journal of Rhinology
American Journal of Managed Care
The Annals of Thoracic Surgery
The Journal of Pediatrics
CHEST
Journal of Asthma
Social Science & Medicine

Academic and Hospital

Committees: University of
Connecticut

1990 - 1992	Infection Control
1992 - 1993	John Dempsey Hospital Board
1992	Anaphylaxis Policy for Adult Ambulatory Care Unit
1992 - 1998	Library Advisory Committee
1992 - 1994	Working Group on Status of Women
1996 - 1998	Quality Assurance
1997	Chair and Principal Author of Review Department of Pediatrics
1998	Search Committee, Pediatrics Department
1996 - 1998	General Medicine/Allergy Lead Physician Group
1997 - 1998	Committee to Promote Faculty Development
1997	Latex Glove Policy, Environmental & Occupational Medicine
1997	Member, Clinical Practice Task Force (Lead Physician)
1997	Critical Care Path for Asthma

University of Pennsylvania

1998 -	Asthma Disease State Management
2002 -	Advisory Committee for Women's Advisory Council to the Chair in Medicine
2003	MD MPH Combined Degree Program Admissions Committee
2003-2006	School of Medicine Subcommittee of COAP on Teaching Evaluation
2003-	FOCUS Advisory Committee
2010-	Advisory Panel for Penn Center for Health Behavior Research
2010-	Department of Medicine Lead Physicians Committee

Major Teaching and Clinical Responsibilities at the University of Pennsylvania and Affiliated Hospitals:
University of Connecticut, 7/1990-6/1998

Section Chief, Allergy and Clinical Immunology
Initiation, Development, and Charge of the following Programs at the University of
Connecticut Health Center as its only clinical allergist-immunologist, 1990-1998
Medical Director: Allergy/Immunology Outpatient Clinics
Medical Director: Immunodeficiency Clinic
Medical Director: Inpatient Allergy/Immunology Consultation Service
Course Director: Clinical Elective for Medical Students and House Officers. A written
curriculum for this course was established.
Ward Attending for Teaching Rounds, General Medicine, one month/year
Director: Greater Hartford Allergy-Immunology Journal Club
Director: Medicine House Staff/ Medical Student Lecture Series in Allergy-Immunology
Director: In-service training of nurses and medical assistants working in allergy-
immunology clinic

University of Pennsylvania, 8/98-

Lecturer: Immunologic Lung Diseases, in Pulmonary Course for 2nd year medical
students: 2003, 2004, 2005
Workshop Leader, Primary Immunodeficiency, Immunology Course for first year
medical students, 1998- Workshop
Leader, Fatal Asthma, 1999-
Panel Discussant, Access to Health Care in Health Services III. 10/3/2000
Workshop Leader, Doctoring Courses I and II, first and second year medical students,
1998-2000
Director, Allergy-Immunology-Pulmonary Conference, 1999- , Co-Director 1998-1999
Course Director, Clinical Elective in Allergy & Immunology for rotating house officers
2000-2010
Course Director, Clinical Elective in Allergy & Immunology for medical students, 2000-
2010
Organizer, A&I-Pulmonary Conference for Fellows in Training, 2000-2008
New Curriculum for Allergy & Immunology elective for rotating house officers and
medical students, completed 1/1/2000, updated 2001.
Masters Thesis Committee for ---(b)(6)---, Biostatistics. 2001-2002.
Summer Pre-Med Enrichment Program for Minority Students, Center of Excellence on
Minority Health -----(b)(6)-----, - Student: ---(b)(6)-----, 2002, 2003,
---(b)(6)---, 2004
Subcommittee on Teaching Evaluation, Committee on Appointments and Promotions,
2003-2005
Penn Reading Program 2003, 2004, 2005
Developed new conference of clinical topics for nurses taught by fellows.
Planning Committee of Provost's Seminar on Health Disparities, 2003-2006.
Organizer and Speaker, Provost's Seminar- Preventing Asthma in Philadelphia, a work in
progress, Oct 21, 2004.
PhD Thesis Committee for ---(b)(6)---, "Predictive Adherence Pattern Analysis Using
Objective Monitoring in Chronic Respiratory Therapies", Bioengineering. 2005.
Faculty, Robert Wood Johnson Clinical Scholars Program, 2005-
Advisor, ---(b)(6)----- , MD MPH Candidate, Graduate Studies in Public Health
Mentor for ---(b)(6)-----, medical student, 2-month summer fellowship from
National Institute of Diabetes and Digestive and Kidney Disease Short Term

Training Grant: Examining the influence of numerical understanding on asthma adherence. 2006

Mentor for ---(b)(6)---, DO, Pediatric Allergy and Immunology Fellow, Risk Factors for poor adherence for older adolescents with asthma. 2005-2008. --(b)(6)--, received (b)(6) American Academy of Allergy Asthma & Immunology Fellow-in- Training Abstract Award for HCEDQ, (b)(6) Annual Meeting of American Academy of Allergy Asthma & Immunology, Philadelphia, PA

Visit of Greg Diette, MD and Cynthia Rand, PhD to Pulmonary Division, Joint Allergy-Pulmonary Conference, Patient Factors that Physicians use to Assign Asthma January 25, 2008.

AstraZeneca Independent Education Grant for “Visiting Professorship: William W. Busse, MD to University of Pennsylvania on 2/11-12/2008. Grand Rounds, Research conference, individual and group discussions.

Mentor for XXX, 2009 ARRA Summer Research Experience (Administrative Supplement HL 073932) and Leonard Davis Institute’s Summer Undergraduate Minority Research Program

Training Program Director, Allergy & Immunology, 2009-

Primary MSCE mentor for ----(b)(6)-----, MD

Mentor, XXX, PhD Candidate at Syracuse University, 2008-2010

Supervised research projects of XXX, MD, XXX MD

Mentor: XX, MD, 2010-2012

Supervised research project: XXX, MD, 2010-2013

Mentoring Allergy & Immunology Journal Club several times a year: for example XX: Journal Club presentation for Allergy & Immunology: Tiotropium in asthma poorly controlled with standard combination therapy, September 20, 2012

Primary research mentor XX, MD, 2012-

CTSA/ITMAT reviewer for Junior Investigator Pilot Grant Program, 2013

NIH-TAC, Chair, Intervention in Pulmonary, Allergy Critical Care Division, 2011-2013

Other Teaching Experience

1972 - 1974 Instructor, Mathematics, Penn Center Academy, Philadelphia, PA

1974 - 1980 Instructor of Mathematics, The Baldwin School, Bryn Mawr, PA

Lectures by Invitation:

January 12, 1998	“PDSA Cycles, an Intervention to Improve Quality of Care for Pediatric Asthma Patients,” Presentation at Connecticut Peer Review Organization to managed care plans and other collaborators on Pediatric Asthma Medicaid Managed Care Project, Middletown, CT.
January 20, 1998	Research presentation, “Inhaled Steroid Adherence: the Influence of Socioeconomic Factors and Other Patient Factors,” University of Pennsylvania School of Medicine, Division of Pulmonary Medicine.
March 13, 1998	Presentation to Fellows-in-Training “Welcome to the Committee on Women’s Involvement in the AAAAI” American Academy of Allergy, Asthma and Immunology, Washington, DC.

March 14, 1998	Moderator and Speaker, Workshop, "Glucocorticoid-induced Osteoporosis," American Academy of Allergy, Asthma, and Immunology, Washington, DC.
March 15, 1998	Moderator, Postgraduate Plenary Session, Annual Meeting of the American Academy of Allergy, Asthma, & Immunology: "Therapies: Novel Applications," Washington, DC.
March 15, 1998	Speaker, Workshop, "Populations in Pharmaceutical Research: Relevance of the NDA to the Real World." American Academy of Allergy, Asthma, and Immunology. Washington, D.C.
March 25, 1998	"Investigating the Risk of Osteoporosis for Postmenopausal Women Taking Inhaled Steroids," American Lung Association of Connecticut, Southbury, CT.
March 31, 1998 April 15, 1998	Asthma Adherence and Quality of Life, Medical Grand Rounds "Project Progress: The Risk of Osteoporosis Associated with Inhaled Glucocorticoids in Post-menopausal Women with Asthma," Claude Pepper Older Americans Independence Center
April 17, 1998	"Recognizing, Managing and Avoiding Adverse Drug Reactions," Residents' Conference
May 4, 1998	"How are the PDSA cycles working? Interventions to Improve Quality of Care for Pediatric Asthma Patients," Presentation at Connecticut Peer Review Organization to managed care plans and other collaborators on Pediatric Asthma Medicaid Managed Care Project, Middletown, CT.
May 6, 1998	"Using the Asthma Guidelines", Hill Health Center, New Haven, CT.
May 13, 1998	"Improving Asthma Management, an Asthma Intervention" Hill Health Center, New Haven, CT
May 20, 1998	"Adverse Drug Reactions in the Nursing Home Patient," Hebrew Home & Hospital, Hartford, CT.
June 5, 1998	The Risk of Osteoporosis Associated with Inhaled Glucocorticoids in Post-menopausal Women with Asthma, Claude Pepper, Older Americans Independence Center
February 26, 1999	Presentation to Fellows-in-Training, "Activities of the Committee on Women's Involvement in the AAAAI" American Academy of Allergy, Asthma and Immunology, Orlando, FL.
February 27, 1999	Presenter, Breakfast Seminar, Annual Meeting of American Academy of Allergy, Asthma, & Immunology, "Management of Osteoporosis in Asthma," Orlando, FL.
February 27, 1999	Speaker at Press Conference, "How is a Medicaid Managed Care Organization Managing Asthma? Annual Meeting of American Academy of Allergy, Asthma, & Immunology, Orlando, FL.
February 28, 1999	Presenter, Breakfast Seminar, Annual Meeting of American Academy of Allergy, Asthma, & Immunology, "Idiopathic Anaphylaxis," Orlando, FL.
March 2, 1999	Co-chair and speaker, Minisymposium: "Advances in Asthma Therapeutics"—And Now You Must Take All Your Medicine," Annual Meeting of American Academy of Allergy, Asthma, & Immunology Orlando, FL.
March 17, 1999	Lecturer, "What are the risks of Glucocorticoid-Induced Osteoporosis for Asthma Patients?" Division of Allergy &

	Immunology, Rush Presbyterian St. Luke's Hospital, Chicago, IL
October 29, 1999	Why is Asthma Such a Problem? Medical Grand Rounds. Lankenau Hospital, Philadelphia, PA.
March 7, 2000	Presenter, Breakfast Seminar, Annual Meeting of American Academy of Allergy, Asthma, & Immunology, "Update in Management of Osteoporosis in Asthma," San Diego, CA.
March 8, 2000	Presenter, Breakfast Seminar, Annual Meeting of American Academy of Allergy, Asthma, & Immunology, "Update on Idiopathic Anaphylaxis," San Diego, CA.
January 5, 2001	----- (b)(4) ----- Individuals, SmithKline Beecham Advisory Board Meeting, Carefree, Arizona.
March 17, 2001	Mentoring Women. American Academy of Allergy, Asthma, & Immunology, New Orleans.
March 18, 2001	Moderator, Improving Adherence. American Academy of Allergy, Asthma, & Immunology, New Orleans.
March 19, 2001	Moderator, Symposium, Improving Health Care, American Academy of Allergy, Asthma, & Immunology, New Orleans.
March 19&20, 2001	Moderator, Introduction to Epidemiology and Biostatistics, American Academy of Allergy, Asthma, & Immunology, New Orleans.
March 20, 2001	Presenter, Breakfast Seminar, Annual Meeting of American Academy of Allergy, Asthma, & Immunology, "Update in Management of Osteoporosis in Asthma," New Orleans,
March 21, 2001	Presenter, Breakfast Seminar, Annual Meeting of American Academy of Allergy, Asthma, & Immunology, "Update on Idiopathic Anaphylaxis," New Orleans.
March 19, 2001	Presenter, Breakfast Seminar, Using Questionnaires to Evaluate the Severity and Control of Asthma and Rhinitis.
March 1, 2002	Moderator, International Conference on Health Care Delivery for Asthma, Annual Meeting of American Academy of Allergy, Asthma, & Immunology, New York City
March 2, 2002	Moderator, Grand Seminar: Adherence in Asthma and Allergic Diseases, Annual Meeting of American Academy of Allergy, Asthma, & Immunology, New York City
March 2, 2002	Presenter, Breakfast Seminar, Using Questionnaires to Evaluate the Severity and Control of Asthma and Rhinitis, Annual Meeting of American Academy of Allergy, Asthma, & Immunology.
March 3, 2002	Moderator and speaker, "Introduction and the "Cons" of Direct to Consumer Advertising," Symposium: Direct to Consumer Advertising, Annual Meeting of American Academy of Allergy, Asthma, & Immunology.
March 5, 2002	Moderator and speaker, "Health Disparities are Linked to Social Disparities", Symposium: Health Disparities; Annual Meeting of American Academy of Allergy, Asthma, & Immunology.
May 19, 2002	"Community-Level Influences on Health Behaviors and Adherence" in Symposium: social Disparities and Urban Asthma Morbidity: New Insights, Annual Congress of American Thoracic Society, Atlanta.

May 21, 2002	“Improving asthma outcomes: Patient directed interventions” in Symposium: Improving Patient Outcomes: What Works and What Doesn’t, Annual Congress of American Thoracic Society, Atlanta.
October 29, 2002	Adherence is a Sticky Wicket, Philadelphia Allergy Society
November 1, 2002	Social disparities and Health disparities, What Do These Disparities Have to do with Adherence? Medical Grand Rounds, Northwestern University School of Medicine
March 7, 2003	Moderator and Organizer, International Conference on Pediatric Asthma, Moderator and Speaker. 60 th Annual Meeting of American Academy of Allergy Asthma and Immunology, Denver.
March 8, 2003	Speaker, Workshop. Using Web-Based, Patient-Linked Electronic Feedback to Providers of Asthma Care for Low-Income Children. 60 th Annual Meeting of American Academy of Allergy Asthma and Immunology, Denver.
March 8, 2003	Speaker, Workshop: The Impact of Sociodemographics on Patient Care and Research-Overview. 60 th Annual Meeting of American Academy of Allergy Asthma and Immunology, Denver.
March 9, 2003	Moderator and organizer, Postgraduate Concurrent Symposium, Moderator: Adherence: Why is it Such A Problem and What Can We Do? 60 th Annual Meeting of American Academy of Allergy Asthma and Immunology, Denver.
March 10, 2003	Moderator, Oral Abstract Session: Asthma Health Care Delivery, 60 th Annual Meeting of American Academy of Allergy Asthma and Immunology, Denver.
March 11, 2003	Workshop: Osteoporosis and Asthma: Approach to Patients (Speaker). 60 th Annual Meeting of American Academy of Allergy Asthma and Immunology, Denver
May 17, 2003	What Do Disparities Have to Do with Adherence? Post-Graduate Course, 2003 Annual Congress of American Thoracic Society. Seattle, WA.
July 21, 2003	Allergy and Immunology, Nothing to Sneeze At. National Youth Leadership Forum on Medicine, Villanova University, Villanova, PA.
August 5, 2003	Adherence for Underserved Communities-the Physician’s Perspective. National Medical Association. Philadelphia.
August 31, 2003	Discussion Leader, Penn Reading Program for Incoming Students.
September 12, 2003	Asthma and Vulnerable Populations. Long Island Allergy Society, Montauk, Long Island.
September 13, 2003	Epidemiology for Allergists. Long Island Allergy Society, Montauk, Long Island.
December 10, 2003	Is Allergic Rhinitis a Problem in Qatar? Hamad Medical Center, Doha, Qatar
January 22, 2004	Epidemiology for Allergists, Allergy Grand Rounds, New Jersey Medical School, Newark, NJ
January 24, 2004	Measuring Adherence, AAAAI Adherence Planning Conference, Denver, CO

February 16, 2004	Pregnancy and Asthma, World Asthma Meeting, Bangkok, Thailand.
March 19, 2004	The Robert J. Becker Lectureship. An Introduction to Epidemiology. 61 th Annual Meeting of American Academy of Allergy Asthma and Immunology, San Francisco.
March 19, 2004	An Introduction to International Asthma Conference: Assessing methodology for National and International Dissemination of Asthma. 61 th Annual Meeting of American Academy of Allergy Asthma and Immunology, San Francisco.
March 23, 2004	Protection of Patients in Clinical Research. 61 th Annual Meeting of American Academy of Allergy Asthma and Immunology, San Francisco.
March 23, 2004	Asthma: Year in Review. 61 th Annual Meeting of American Academy of Allergy Asthma and Immunology, San Francisco.
April 22, 2004	“Adherence and Health Disparities”, Grand Rounds, Department of Dermatology, St. Luke’s Roosevelt Hospital Center, Beth Israel Medical Center, NY, NY. “An Epidemiology Primer”, Resident Lecture, Department of Dermatology, St. Luke’s Roosevelt Hospital Center, Beth Israel Medical Center, NY, NY.
May 25, 2004	“Qualitative and Semi-Structured Research Methods: Tools to Help us Understand Patients,” Speaker and Moderator, Mini-Symposium, American Thoracic Society International Conference, Orlando, FL.
May 25, 2004	“Qualitative Research and Evaluation,” Meet the Professor, American Thoracic Society International Conference, Orlando, FL.
August 2-3, 2004	AAAAI William Pierson Visiting Professorship, Loyola University, Maywood, IL
October 18, 2004	Asthma, Attitude, Adherence, International Society for the Advancement of Respiratory Psychophysiology, Princeton, NJ
October 26, 2004	The Difficult-to-Treat Asthmatic, Chest 2004, Seattle, WA
March 18, 2005	Speaker and Organizer. An Introduction to International Asthma Conference: Assessing methodology for National and International Dissemination of Asthma. 62 th Annual Meeting of American Academy of Allergy Asthma and Immunology, San Antonio.
March 19, 2005	Speaker and Organizer. Seminar: Healthy People 2010: Acknowledging Cultural Diversity in Asthma Care. 62 th Annual Meeting of American Academy of Allergy Asthma and Immunology, San Antonio
April 14, 2005	Mark Schiff Visiting Professorship Award, How to Improve Asthma Outcomes: role of disparities and adherence,” North Shore-Long Island Jewish Health System, Great Neck, NY
April 14, 2005	Visiting Professor lecture for pulmonary fellows, “Allergic Rhinitis is Nothing to Sneeze At”, North Shore-Long Island Jewish Health System, Great Neck, NY
May 21, 2005	Organizer, Moderator and Speaker: Post-graduate course: Health Disparities Health Disparities – Understanding and Addressing Them Through Research and Practice, American Thoracic Society 100 th International Conference, San Diego.

May 22, 2005	Speaker: Symposium: Health Disparities Health Disparities – Understanding and Addressing Them Through Research and Practice, American Thoracic Society 100th International Conference, San Diego.
May 23, 2005	Moderator, Research Mini-Symposium: Psychosocial Aspects of Lung Disease, American Thoracic Society 100 th International Conference, San Diego
March 3, 2006	2006 Fellows-in-Training Breakfast Program: From FITs to Faculty.
March 3, 2006	Speaker and Organizer, Introduction to Epidemiology and Biostatistics. 63 th Annual Meeting of American Academy of Allergy Asthma and Immunology, Miami, Florida
March 4, 2006	Speaker and moderator: Seminar: High Impact Publications for Health Care Delivery and Quality, 63 th Annual Meeting of American Academy of Allergy Asthma and Immunology, Miami, Florida
March 4, 2006	Speaker, Symposium: Racial and Ethnic Differences: Implications in Asthma Care, 63 th Annual Meeting of American Academy of Allergy Asthma and Immunology, Miami, Florida,
March 6, 2006	Speaker, Seminar: Culture and Communication. Annual Meeting of American Academy of Allergy Asthma and Immunology, Miami, Florida
May 12, 2006	Health Literacy/Health Communication Working Group, Harvard School of Public Health, Boston: "How does Numeracy Factor Into Adherence and other Asthma Outcomes?"
May 22, 2006	Meet the Professor: Writing for Publication. American Thoracic Society 101 International Conference, San Diego.
September 25, 2006	Health Care, Delivery, Education, and Quality in the Journal of Allergy and Clinical Immunology, Journal Editors' Retreat, Denver.
November 10, 2006	How Does Environment Influence Asthma Outcomes, Annual Meeting of American College of Allergy Asthma & Immunology, Philadelphia, PA
January 31, 2007	Does the Clinical Environment Influence Asthma Outcomes? Allergy and Immunology Conference, Johns Hopkins University Medical School.
February 26, 2007	Moderator: Ethical Safeguards in Clinical Research: What Every Clinician Should Know. Annual Meeting of American Academy of Allergy Asthma & Immunology, San Diego, CA.
March 3, 2007	Social determinants of asthma outcomes, Joint conference of South African Thoracic Society, South African Allergy and Asthma Society, South African Cystic Fibrosis Society, Cape Town, South Africa.
March 5, 2007	Asthma adherence and doctor patient communication, Joint conference of South African Thoracic Society, South African Allergy and Asthma Society, South African Cystic Fibrosis Society, Cape Town, South Africa.
May 19, 2007	"How Submitted Manuscripts Become Published Papers" in Post graduate Course - Scientific Writing: How to Publish for Academic Success, American Thoracic Society Annual Meeting, San Francisco.

May 19, 2007	“Preparing an Abstract” in Post graduate Course - Scientific Writing: How to Publish for Academic Success, American Thoracic Society Annual Meeting San Francisco, CA.
May 20, 2007	Moderator, Factors Influencing Medication Adherence among Patients with Asthma, American Thoracic Society Annual Meeting San Francisco, CA.
September 15, 2007	“What Can We Learn From Other Diseases: Exploring Numeracy,” Consensus on Self-Management Programs for COPD: Moving Forward, Stockholm, Sweden
September 16, 2007	“Helping patients understand what has been communicated,” in Symposium: Making Consultations More Effective, European Respiratory Society, Annual Congress 2007, Stockholm, Sweden
January 30, 2008	Teenagers and Asthma, Science Class of Michael Fowler, Central High School, Philadelphia, PA
March 17, 2008	Seminar: Is Asthma Different in Women? 2008 Annual Meeting of American Academy of Allergy Asthma & Immunology, Philadelphia
March 18, 2008	Workshop: Career Choices, Mentorship and Finding the Balance in Allergy/Immunology, 2008 Annual Meeting of American Academy of Allergy Asthma & Immunology, Philadelphia
March 18, 2008	Symposium: Epidemiology for Clinical Researchers and Readers of Clinical Research: Causality and Association, 2008 Annual Meeting of American Academy of Allergy Asthma & Immunology, Philadelphia
May 16, 2008	Speaker, PostGraduate Course: “Recruiting and Retaining Underrepresented Populations for Clinical and Community Research Trials: Employing a Culturally Competent Approach,” American Thoracic Society Annual Meeting. Toronto, Canada
May 17, 2008	Speaker, PostGraduate Course: “Getting to Know Your Data” in Post graduate Course : Introduction to Data Analysis: Exploring the Great Unknown,” American Thoracic Society Annual Meeting. Toronto, Canada
May 18, 2008	Co-Chair, Research Mini-symposium: Predicting and Reducing Asthma Morbidity. 2008 Annual Meeting of American Thoracic Society, Toronto.
December 16, 2008	Asthma is a Model for Studying Patient-Physician Interactions that can Address Health Care Disparities. NIH Summit: The Science of Health Disparities. National Harbor, MD.
March 15, 2009	How to Help Our Patients with Low Literacy, Andrea J Apter MD and Juan C. Celedon, MD. Seminar. 2009 Annual Meeting of American Academy of Allergy Asthma and Immunology, Washington, DC
May 15, 2009	Can Observational Studies Prove Causality? Cross-sectional, Case-control, and Cohort. Post-Graduate Course, The Nuts and Bolts About Designing and Conducting Clinical Studies, 2009 Annual Meeting of American Thoracic Society, San Diego, CA.

May 15, 2009	Is Family History of Penicillin Allergy A Risk Factor for Developing Penicillin Allergy?, Choosing the Design. Post-Graduate Course, The Nuts and Bolts About Designing and Conducting Clinical Studies, 2009 Annual Meeting of American Thoracic Society, San Diego, CA.
May 17, 2009	Co-Chair, Research Mini-symposium: Measuring and Improving the Quality of Care in Lung Disease. 2009 Annual Meeting of American Thoracic Society, San Diego, CA.
October 9, 2009	"Why Don't Patients Take Their Medicine?" Allergy & Immunology Division, Department of Medicine, Northwestern University Medical School, Chicago, IL
February 27, 2010	Asthma Control Tools for Use in Clinical Research and Clinical Care, Seminar. 2010 Annual Meeting of American Academy of Allergy Asthma and Immunology, New Orleans, LA
February 28, 2010	Adolescents and Asthma: Why Take Our Meds? Seminar, 2010 Annual Meeting of American Academy of Allergy Asthma and Immunology, New Orleans, LA
March 1, 2010	Patient-Provider Communication and Health Disparities: Lessons from Patients with Asthma. Speaker in Symposium: Overcoming Health Care Disparity in Underserved Communities” 2010 Annual Meeting of American Academy of Allergy Asthma and Immunology, New Orleans, LA
March 2, 2010	A Difficult Asthma Patient Who Doesn't Follow Treatment Recommendations, Seminar, 2010 Annual Meeting of American Academy of Allergy Asthma and Immunology, New Orleans, LA
March 11, 2010	Asthma and Health Literacy: Can improving health literacy promote health equity? Multidisciplinary Conference on Health Literacy: Literacy Across the Health Continuum, The City University of New York Institute for Health Equity, New York, New York, March 11, 2010.
March 18, 2011	Inner City Asthma: A Global Perspective, Speaker for a Course: Different Risk Factors of Allergy and Asthma. 2011 Annual Meeting of American Academy of Allergy Asthma and Immunology, San Francisco, CA.
March 19, 2011	Efficacy versus Effectiveness in Asthma; Seminar speaker and organizer. 2011 Annual Meeting of American Academy of Allergy Asthma and Immunology, San Francisco, CA.
March 20, 2011	Teaching Patient Self-Management: Principles of Clear Health Communication: Workshop Speaker, 2011 Annual Meeting of American Academy of Allergy Asthma and Immunology, San Francisco, CA.
March 21, 2011	Why Don't Teens Take Their Meds? Adolescent Development and Adherence, Symposium Speaker, 2011 Annual Meeting of American Academy of Allergy Asthma and Immunology, San Francisco, CA.
May 5, 2011	2011 AAAAI/NAIA and JACI Advances Webinars: Advances in Adult Asthma, Presenter.
May 13, 2011	Accounting for Cultural Context and Health Literacy in Assessment of Health Outcomes. Postgraduate Course: Health Outcomes Assessment in Research and Quality Improvement:

May 14, 2011	Challenges and Opportunities, 2011 Annual Meeting of American Thoracic Society, Denver, CO. Panel Discussant: How Manuscripts Become Published Papers: the peer review process, common mistakes new authors make, choosing the right journal. Postgraduate Course: Scientific Writing: Publishing for Academic Success. 2011 Annual Meeting of American Thoracic Society, Denver, CO.
July 28, 2011	“Can Addressing Health Literacy Improve Health Outcomes? Lessons from Asthma”, Visiting Professor, Henry Ford Health System, Health Disparities Research Collaboration.
February 16, 2012	2012 AAAAI/NAIA and JACI Advances Webinar Series: Adult Asthma: Presenter.
March 4, 2012	Seminar: The Adolescent Patient and Asthma, 2012 Annual Meeting of American Academy of Allergy Asthma and Immunology, Orlando FL.
May 20, 2012	Meet the Professor: Does Addressing Health Literacy Improve Health Outcomes. American Thoracic Society 2012 International Conference, San Francisco, CA
May 20, 2012	Literacy Predicts subsequent adherence and asthma outcomes in adults with moderate or severe asthma. Mini-Symposium: Identifying Risk Factors and Potential Interventions for asthma adherence. American Thoracic Society 2012 International Conference, San Francisco, CA
February 23, 2013	Workshop –Panel Discussion-Speaker- Asthma Guidelines, P4P and the Medical Home: notes from an urban allergist and a health insurance payor, 2013 Annual Meeting of American Academy of Allergy Asthma and Immunology, San Antonio, TX
February 23, 2013	Seminar: Efficacy vs Effectiveness in Asthma, Speaker, 2013 Annual Meeting of American Academy of Allergy Asthma and Immunology, San Antonio, TX
February 23, 2013	Seminar: Achieving Expertise in Asthma Adherence 2013 Annual Meeting of American Academy of Allergy Asthma and Immunology, San Antonio, TX
March 19, 2013	Adherence: Lessons learned from Asthma. Pulmonary Grand Rounds, Children’s Hospital of Philadelphia
March 21, 2013	2013 AAAAI/NAIA/JACI Advances Webinars-Advances in Adult Asthma

University of Pennsylvania (Since 9/1998):

November 20, 1998	“Osteoporosis for those who treat asthma”— Allergy/Immunology Conference
January 15, 1999	“A patient with celiac disease and eosinophilic gastroenteritis, and a review of mucosal immunity”
January 27, 1999	“The Risk of Osteoporosis in Asthma Patients”- A/I Pulmonary Conference.
February 9, 1999	“How to Manage Urticaria and Angioedema,” Student Health.
October 12, 1999	Why is Asthma Such a Problem? Medical Grand Rounds. University of Pennsylvania, Philadelphia, PA.
October 22, 1999	What is new about the Diagnosis and Management of Allergic Rhinitis, ENT Residents’ Conference

January 7, 2000	Update on Osteoporosis for the Allergist-Immunologist, Allergy- Immunology Conference
February 25, 2000	Assessing the Quality of Asthma Care Provided to Medicaid Patients Enrolled in Managed Care Organizations in Connecticut, Poster Preview, Allergy-Immunology Conference
April 11, 2000	New Developments in the Treatment of Allergic Rhinitis and Asthma, Student Health
June 30, 2000	Update on allergic rhinitis for Medical House Officers.
January 19, 2001	Diagnosis and Management of Eosinophilia, Allergy and Immunology Conference.
January 24, 2001	Readministration of Beta-Lactams, Research Protocol Discussion, CCEB.
March 22, 2001	Adherence to Inhaled Steroids in Moderate to Severe Asthma, Pulmonary-Allergy Research Conference.
April 5, 2001	Determining modifiable predictors of poor adherence in patients with moderate to severe asthma, CCEB
July 9, 2002	Modifiable Social and Behavioral Predictors of Adherence, Conference: Unequal Treatment: Stimulus for Health Disparities Research.
January 3, 2003	Recognition and Management of Drug Hypersensitivity, Allergy and Immunology Conference
January 13, 2003	Mutable Predictors of Adherence to Inhaled Steroids in Adults with Asthma, Pulmonary, Allergy, Critical Care Division Staff Meeting.
July 18, 2003	Individualized Interventions to Improve Adherence in Asthma, Family Medicine Conference.
September 24, 2003	“Allergic Rhinitis is Nothing to Sneeze At,” Pulmonary Conference.
September 26, 2003	“Allergic rhinitis for internists and immunologists” Medical Residents’ Conference.
October 3, 2003	Hereditary and Acquired Angioedema for Nurses, organized and presented case
October 14, 2003	Allergy Case Presentations, Student Health.
October 17, 2003	“Epidemiology for Allergists,” Allergy-Immunology Conference.
January 30, 2004	Internal Medicine Morning report: Anaphylaxis and snake bites
February 6, 2004	Common themes we encounter in our day-to-day professional lives in different disciplines. Interdisciplinary Seminar Series on Ameliorating Health Disparities, Provost’s Seminars. Logan Hall
March 16, 2004	Guest lecturer, for Elaine Wright, MD, Environmental Science Honors Course, on asthma and the community. ENVS 408: The Urban Asthma Epidemic
July 16, 2004	Guest expert, Acquired angioedema, Hematology-Oncology Conference
September 17, 2004	Hypersensitivity Pneumonitis and Allergic Bronchopulmonary Aspergillosis, Immunologic Lung Diseases, Allergy and Immunology Conference
September 24, 2004	An Update on Allergic Rhinitis, Pulmonary Fellows’ Conference.
October 13, 2004	Immunologic Lung Disease, 2 nd Year Pulmonary Lectures

October 21, 2004	Provost's Seminar, Access to Care, a Provider's Perspective. International House.
November 11, 2004	Guest lecturer, for Elaine Wright, MD, Environmental Science Honors Course, on asthma and the community. ENVS 408: The Urban Asthma Epidemic
January 20, 2005	Overview of diagnosis and management of allergic rhinitis for internal medicine residents.
February 18, 2005	Women in Science Panel, Women's Biomedical and Engineering Societies, Huntsman Hall
June 1, 2005	Individualized Interventions to Ameliorate Health Disparities; Research Conference, Pulmonary Allergy Critical Care Division.
September 19, 2005	Diagnosis and Management of Allergic Bronchopulmonary Aspergillosis, Pulmonary Summer Lecture Series
October 18, 2005	Improving Asthma Outcomes: Role of Disparities and Adherence, Medical Grand Rounds, Hospital of the University of Pennsylvania
November 11, 2005	Asthma, Diagnosis and Management, 3 rd year medical students
November 18, 2005	Allergic Bronchopulmonary Aspergillosis- Allergy Weekly Conference
November 23, 2005	Immunologic Lung Disease, 2 nd year Medical Students
December 9, 2005	Drug Allergy, Diagnosis and Management
February 16, 2006	An Introduction to Clinical Epidemiology, Allergy & Immunology Conference
April 11, 2006	"Questions and Answers About Allergies and Asthma," Student Health
May 4, 2006	"Adherence and Health Disparities and the Patient-Clinician Interface, Family Medicine Conference
August 26, 2006	Diagnosis and Management of Allergic Bronchopulmonary Aspergillosis, Pulmonary Summer Lecture Series
September 19, 2006	Asthma Research involving Student Health, Student Health, University of Pennsylvania
September 20, 2006	Asthma Research in the Medical Clinic Environment, Center for Excellence in Environmental Toxicology, Community Outreach and Education Core, University of Pennsylvania
October 4, 2006	Practical Introduction to Social Services for Medical Students: Communication Barriers in Medicine. Discussant.
October 20, 2006	"Asthma and Pregnancy." Allergy and Immunology Conference.
November 10, 2006	"Immunologic lung disease: hypersensitivity pneumonitis and Wegener's Granulomatosis." Pulmonary Physiology Course for 2 nd year medical students.
May 16, 2007	The WIN Study and Patient-Clinician Communication, Hospitalists Conference
May 17, 2007	Allergic Rhinitis is nothing to sneeze at, an Update. ENT conference.
June 1, 2007	Writing for publication and the Peer Review Process, Allergy-Immunology Conference.
August 2, 2007	Meet the Researcher, Clinical Investigator's Pathway Course.
September 12, 2007	Organized and spoke at Allergy and Immunology Conference, University of Pennsylvania: The New Expert Panel Report 3: Guidelines for the Diagnosis and Management of Asthma 2007, Sept 12, 2007

October 25, 2007	Section Leader, "Race and Ethnicity in Medical Research", The Doctor-Patient Relationship, Culture and Communication, for first year medical students.
November 1, 2007	Health Disparities in Asthma. Urban Asthma Epidemic. Environmental Science Honors Course, on asthma and the community. ENVS 408: The Urban Asthma Epidemic
November 8, 2007	"Why Don't Patients Take Their Medicines?" CCEB Conference.
November 9, 2007	Patient-Physician communication in the clinical setting, Health Psychology, for Ph.D. students in clinical psychology graduate students, Anthony Fabricatore, teacher.
November 19, 2007	"Immunologic lung disease: allergic bronchopulmonary aspergillosis, hypersensitivity pneumonitis and Wegener's Granulomatosis." Pulmonary Physiology Course for 2 nd year medical students.
December 6, 2007	Doctoring Course, Section Leader, Complementary, Alternative and Integrative Medicine for 1 st year medical students.
March 13, 2008	Residents' Report: Diagnosis and Management of Hereditary Angioedema
May 23, 2008	Moving, Depression, Smokers in the home, Allergy & Immunology Conference.
June 9, 2008	Plenary Session #6, Doctoring I 2008. "Adherence with Medical Therapy", University of Pennsylvania School of Medicine
July 17, 2008	Meet the Researcher, The Clinical Investigator's Tool Box, Elective for medical residents.
July 22, 2008	Asthma, Health Disparities, Adherence. Environmental Health Lectures for Summer Mentorship Program (Linda McCauley, PhD, director).
September 17, 2008	Meet the Researcher, Lecture for The Clinical Investigators' Tool Box, September 17, 2008, 1311 Blockley.
September 26, 2008	Penicillin Allergy. Allergy & Immunology Conference.
November 10, 2008	Strategies for Success: Clinician Educator Track. Panel Discussion for School of Medicine Faculty Affairs & Professional Development Program.
November 25, 2008	"Immunologic lung disease: allergic bronchopulmonary aspergillosis, hypersensitivity pneumonitis and Wegener's Granulomatosis." Respiratory Block, Module II, for Medical Students, Nov 25, 2008.
January 7, 2009	Resident Report: A Patient with Recurrent Angioedema. Department of Medicine, Presbyterian Hospital & Medical Center.
February 10, 2009	Who should get allergy shots? With ---(b)(6)-----, MD, Allergy Fellow, Student Health.
March 17, 2009	Clopidogrel Desensitization. Moderator and speaker with Chaitali Desai, PharmD, Allergy & Immunology and Pharmacy.
May 8, 2009	Asthma: Year in Review. Audreesh Banerjee and Andrea Apter. Joint Allergy-Immunology-Pulmonary Conference.

July 15, 2009	Lecture: "Meet the Researcher" for Clinical Investigator Toolbox, Department of Medicine.
July 17, 2009	Lecture: Allergy & Immunology Conference: The Diagnosis and Management of Asthma According to EPR-3.
September 11, 2009	Lecture: Allergy & Immunology Conference: A Few Immunologic Lung Diseases.
September 16, 2009	Lecture: "Meet the Researcher" for Clinical Investigator Toolbox, Department of Medicine
October 1, 2009	Small Group Leader, The Doctor-Patient Relationship: Culture and Communication: The Interface of Gender and Culture in Health and Healthcare
November 24, 2009	"A Few Immunologic Lung Diseases." Respiratory Block, Module II, for for 2 nd year medical students.
December 4, 2009	Allergy & Immunology Conference and Workshop: "Penicillin skin testing" with Chiraag Patel, MD.
March 12, 2010	Asthma and Health Literacy: Can improving health literacy promote health equity, Allergy & Immunology Friday Conference, March 12, 2010
March 25, 2010	"69 yo male with eosinophilia and a history of idiopathic pulmonary fibrosis, Guest Commentator, Pulmonary Fellows' Case Conference.
March 25, 2010	"64 yo male with cough and pleuritic chest pain and eosinophilia" Guest Commentator, Internal Medicine Residents' Report.
April 9, 2010	Mentored ---(b)(6)-----, MD for her presentation: Year in Review: Asthma, Pulmonary-Allergy-Immunology Combined Conference.
July 30, 2010	Nuts and Bolts: ABPA and Allergic Fungal Sinusitis
September 29, 2010	Lecture: "Meet the Researcher: Planning a Career" for Clinical Investigators' Toolbox, Department of Medicine
October 15, 2010	"Difficult Cases" Allergy & Immunology Conference
October 25, 2010	Lecture, "Literacy & Health & Health Equity: Lessons from Patients with Asthma" in Education 545: Education and Health: Disparities and Prevention in Schools and Communities. October 25, 2010.
November 11, 2010	"The Clinical Environment & the World Outside? Lessons from Asthma. Lecture, in ENVS 408: Urban Environments: the urban asthma epidemic.
November 24, 2010	"A Few Immunologic Lung Diseases." Pathophysiology Respiratory Block, Module II, for 2 nd year medical students.
February 3, 2011	Adherence: Lessons from Asthma. Family Medicine Conference.
May 2, 2011	Medical Grand Rounds, Clinical Pathologic Correlation: A 61 Year Old Man with Fatigue and Chest Pain. Expert Discussant
July 6, 2011	Bootcamp for new UPHS and CHOP A&I Fellows: Asthma and Adherence. Allergy & Immunology.
August 5, 2011	"Can Addressing Health Literacy Improve Health Outcomes? Lessons from Asthma", Allergy & Immunology Conference.
November 22, 2011	Immunologic lung disease: HP, ABPA, GPA. Pathophysiology Respiratory Block, Module II, for 2 nd year medical students.

December 16, 2011	Hypersensitivity pneumonitis, Is it Real? Allergy & Immunology Conference.
May 16, 2012	Literacy predicts subsequent adherence and asthma outcomes. Pulmonary Allergy Critical Care Research Conference.
June 22, 2012	Adherence: Lessons from Asthma. Allergy & Immunology Conference.
July 6, 2012	Introduction to Adult Asthma and Adherence. "Bootcamp" lecture for new fellows in Allergy & Immunology, joint UPHS-CHOP conference.
July 25, 2012	Meet the Researchers: The Clinical Investigator's Toolbox
August 24, 2012	Asthma and Adherence, Part II. Allergy & Immunology Conference
September 27, 2012	Section Leader in Doctor-Patient Relationship: Disparities in Health and Health Care, Group 2.
November 15, 2012	Immunologic lung diseases: HP, ABPA, GPA. Pathophysiology Respiratory Block, Module II, for 2 nd year medical students
December 19, 2012	The Pulmonary-A&I Research Conference: Adherence: Lessons from Asthma.
March 12, 2013	Schools are important sites of engagement, resources and knowledge for eliminating health disparities. Invited speaker for: Health and Education: Disparities and Prevention in Schools and Communities. ---(b)(6)---, PHD.
March 19, 2013	Lessons from asthma about adolescents and adherence, CHOP Pulmonary Grand Rounds
April 9, 2013	Angioedema, Presbyterian Emergency Department Conference

Organizing Roles in Scientific Meetings:

December, 1995	Co-organizer and Speaker, Recent Advances in Internal Medicine: "Dermatology and Allergy," University of Connecticut Health Center, CME Program for Internists.
February, 1996	Program Organizer and Speaker: Recent Advances in Internal Medicine: "Common allergy-immunology problems and their management," University of Connecticut Health Center, CME Program for internists.
February, 1997	American Academy of Allergy, Asthma, and Immunology, Moderator, Special Symposium on Glucocorticoid-induced Osteoporosis, San Francisco, CA.
March, 1998	Chair and Speaker, Glucocorticoid-induced Osteoporosis, American Academy of Allergy and Immunology, Washington, DC.
March, 1998	Moderator, Postgraduate Plenary Session, Annual Meeting of American Academy of Allergy, Asthma, & Immunology: Therapies: Novel Applications. Academy of Allergy, Asthma, and Immunology, Washington, DC.
1997 - 1998	Co-Organizer, Moderator and Speaker, 4 Collaborators Meetings (Health Care Providers, CT Department of Social Services Pediatric Asthma Medicaid Managed Care Project, Connecticut

April 13, 2000	Peer Review Organization), Pediatric Asthma Medicaid Managed Care Project, Connecticut Peer Review Organization. Panel on Adverse Drug Reactions, American College of Physicians Annual Meeting
March 18, 2001	Moderator, Improving Adherence, Grand Seminar
March 18, 19 2001	Organizer and Moderator, Introduction to Epidemiology and Biostatistics, Annual Meeting, American Academy of Allergy Asthma and Immunology, New Orleans.
March 19, 2001	Organizer and Moderator, Symposium on Improving Health Care, Annual Meeting, American Academy of Allergy Asthma and Immunology, New Orleans.
March 1, 2001	Organizer, International Symposium on Asthma, Annual Meeting, American Academy of Allergy Asthma and Immunology, New York.
March 3, 2002	Organizer, Postgraduate Session, Asthma, Annual Meeting, American Academy of Allergy Asthma and Immunology, New York.
March 3, 2002	Organizer, Symposium, Direct to Consumer Advertising, Annual Meeting, American Academy of Allergy Asthma and Immunology, New York.
March 2, 2002	Organizer, Seminar, Using Questionnaires to Evaluate Quality of Life in Asthma and Allergic Rhinitis, Annual Meeting, American Academy of Allergy Asthma and Immunology, New York.
March 5, 2002	Organizer, Workshop, Demographic Factors that Affect Medical Research and Care, Annual Meeting, American Academy of Allergy Asthma and Immunology, New York.
March 2-3, 2001	Organizer and Moderator, Introduction to Epidemiology and Biostatistics, Annual Meeting, American Academy of Allergy Asthma and Immunology, New York.
2002-2003	Program Committee for 2002 Annual Meeting, American Academy of Allergy Asthma and Immunology, New York
2001-2002	Program Committee for 2002 Annual Congress, American Thoracic Society
March 7, 2003	International Asthma Conference – Update in Pediatric Asthma, 60 th Annual Meeting of American Academy of Allergy Asthma & Immunology Annual Meeting, Denver.
March 11,12 2003	Organizer and Moderator, Introduction to Epidemiology and Biostatistics. 60 th Annual Meeting of American Academy of Allergy Asthma & Immunology Annual Meeting, Denver.
May 17, 2003	Co-Organizer, Moderator, Postgraduate Course: Social Epidemiology, 2003 Annual Congress, American Thoracic Society
2002-2003	Program Committee for 2003 Annual Meeting, American Academy of Allergy Asthma and Immunology, Denver.
2002-2003	Chair, Program Committee, Behavioral Science Assembly, American Thoracic Society.
2002-2003	Program Committee for 2003 Annual Congress, American Thoracic Society, Seattle.
2003-2005	Planning Committee, Behavioral Science Assembly, American Thoracic Society

2003-2006	Seminar Leadership and Organizing Committee. Provost's Seminar: Ameliorating Health Disparities: Searching for Success.
2004-2006	Vice Chair, Seminars, Program Committee, American Academy of Allergy Asthma & Immunology
2004	Organizer and Speaker, University of Pennsylvania Provost's Seminars on Health Disparities: Asthma in Philadelphia, a work in progress
2004 - 2004 - 2005	Program Committee, AAAAI Annual Meeting National Planning Committee, National Workshop to Reduce Asthma Disparities, Sponsored by NHLBI, NIAID, AHRQ, CDCC, and other organizations .February 21-23, 2005
2005	Organizer of Post-Graduate Course on Health Disparities, International Meeting of American Thoracic Society
2005	Organizer of International Symposium, American Academy of Allergy Asthma & Immunology
2008-2009	Course Director, 2009 ATS Postgraduate Course: "NUTS AND BOLTS ABOUT DESIGNING AND CONDUCTING CLINICAL STUDIES"
2010	HEDQ Poster Facilitator, 2010 Annual Meeting, American Academy of Allergy Asthma and Immunology, New Orleans, LA
May 13, 2011	Course Director, Postgraduate course, American Thoracic Society, Health Outcomes Assessment in Research and Quality Improvement: Challenges and Opportunity. American Thoracic Society 2011 International Conference, Denver, CO
May 15, 2011	Facilitator, Thematic Poster Session: Understanding the Psychosocial and behavioral factors affecting outcomes in lung disease. 2011 Annual Meeting of American Thoracic Society, Denver, CO
May 20, 2012	Moderator, organizer, speaker: Poster-discussion session: Psychosocial factors associated with respiratory health outcomes. American Thoracic Society 2012 International Conference, San Francisco CA.
April 26, 2013	Planning Committee on Health Literacy and Numeracy: A Workshop, Institute of Medicine
May 21, 2013	Moderator, Symposium: "Understanding and Overcoming the Effects of Health Disparities on Respiratory Diseases and Their Management." Annual Meeting of the American Thoracic Society.

Bibliography:

Research Publications, peer-reviewed:

1. **Apter AJ**, Levine MS, Glick SN. Diagnosis of base of the tongue cancers on double contrast radiography of the pharynx. *Radiology* 1984;151:123-6.
2. **Apter A**, Grammer LC, Naughton B, Patterson R. Asthma in the elderly: a brief report. *New England and Regional Allergy Proceedings* 1988;9(2):153-6.

3. **Apter A**, Metzger R, Glassroth J. Residents' perceptions of their role as teachers. *Journal of Medical Education* 1988;63:900-5.
4. **Apter AJ**, Greenberger PA, Liotta JL, Roberts M. Fluctuations of serum IgA and its subclasses in allergic bronchopulmonary aspergillosis. *J Allergy Clin Immunol* 1989;84(3):367-72.
5. **Apter AJ**, Greenberger PA, Patterson R. Outcomes of pregnancy in adolescents with severe asthma. *Archives of Internal Medicine* 1989;149:2571-5.
6. Volpe BT, Sulavik SB, Tran P, **Apter A**. Hypersensitivity pneumonitis associated with a portable home humidifier. *Connecticut Medicine* 1991;55:571-3.
7. **Apter AJ**, Kaplan AA. Immunologic reactions associated with plasma exchange. *J Allergy Clin Immunol* 1992;90:119-124.
8. **Apter AJ**, Mott AE, Cain WS, Spiro JD, Barwick. Grand Rounds olfactory loss and allergic rhinitis. *J Allergy Clin Immunol* 1992;90:670-80.
9. **Apter AJ**, LaVallee HA. How is anaphylaxis recognized? *Arch Fam Med*. 1994;3:717-22.
10. **Apter AJ**, ZuWallack RL, Clive J. Common measures of asthma severity lack association in describing clinical course. *J Allergy Clin Immunol* 1994;94:732-7.
11. **Apter AJ**, Mott A, Frank M, Clive J. Is allergic rhinitis associated with olfactory loss? *Ann Allergy* 1995;75:311-6.
12. **Apter AJ**, Reisine ST, Willard A, Clive J, Metersky M, McNally D, ZuWallack RL. The effect of inhaled albuterol dosing in moderate to severe asthma. *J Allergy Clin Immunol*. 1996;98:295-301.
13. **Apter AJ**, Rothe MJ. Referred for management of mastocytosis. *Ann Allergy Asthma Immunol* 1997;79:21-6.
14. **Apter AJ**, Affleck G, Reisine ST, Tennen HA, Barrows E, Wells M, Willard A, ZuWallack RL. Perception of airways obstruction in asthma: sequential daily analysis of symptoms, PEFr, and Mood. *J Allergy Clin Immunol* 1997;99:605-12.
15. **Apter AJ**, Reisine ST, Kennedy DG, Cromley EK, Keener J, ZuWallack RL. Demographic predictors of treatment site: outpatient, inpatient, or emergency department? *Ann Allergy Asthma Immunol* 1997;79:353-361.
16. **Apter AJ**, Reisine ST, Affleck G, Barrows E, ZuWallack RL. Adherence with twice-daily Dosing of Inhaled Corticosteroids: socioeconomic and health belief differences. *Am J Respir Crit Care Med*. 1998;157:1810-7.
17. Seyama K, Kobayashi R, Hasle H, **Apter AJ**, Rutledge JC, Rosen D, Ochs HD. Parvovirus B-19 induced anemia as a presenting manifestation of X-linked Hyper IgM Syndrome. *J Infect Dis*. 1998;178:318-24.

18. Ledford D, **Apter AJ**, Brenner AM, Rubin K, Prestwood K, Frieri MA, Lukert B. Osteoporosis in the Steroid-Treated Asthma Patient. *J Allergy Clin Immunol*. 1998;102:353-62.
19. **Apter AJ**, Reisine ST, Affleck G, Barrows E, ZuWallack RL. The Influence of Demographic and Socioeconomic Factors on Health-Related Quality of Life in Asthma. *J Allergy Clin Immunol*. 1999;103:72-8.
20. **Apter AJ**, Gent J, Frank ME. The implications of fluctuating olfactory sensitivity compared to distorted odor perception in allergic rhinitis. *Archives of Otolaryngology-Head & Neck Surgery* 1999;125:1005-10.
21. Affleck G, **Apter A**, Tennen H, Reisine S, Barrows E, Willard A, Unger J, ZuWallack R. Mood States Associated with Transitory Changes in Asthma Symptoms and Peak Expiratory Flow. *Psychosomatic Medicine*. 2000;62:61-8.
22. **Apter AJ**, Van Hoof TJ, Sherwin TE, Casey BA, Petrillo MK, Meehan TP. Assessing the Quality of Asthma Care Provided to Medicaid Patients Enrolled in Managed Care Organizations in Connecticut. *Annals Allergy Asthma Immunol*. 2001;86:211-218.
23. **Apter AJ**, Tor M, Feldman HI. Testing the Reliability of Old and New Features of A New Electronic Monitor for Metered Dose Inhalers. *Annals Allergy Asthma Immunol* 2001;86:421-4.
24. Twigg JE, Fifield J, **Apter AJ**, Jackson EA, Cushman RA. Stratifying medical and pharmaceutical administrative claims as a method to identify pediatric asthma patients in a Medicaid managed care organization. *J Clin Epidemiology* 2002;55:938-44.
25. Onyirimba F, **Apter A**, Reisine S, McCusker C, Connors ML, ZuWallack R. Direct Clinician-to-Patient Feedback of Inhaled Steroid Use: Its Effect on Adherence and Asthma Outcome. *Annals Allergy Asthma Immunol* 2003;90:411-415.
26. George M, Freedman TG, Norfleet AL, Feldman HI, **Apter AJ**. Qualitative research allows better understanding of patients' beliefs: results of focus groups with low-income urban African American adults. *J Allergy Clin Immunol*. 2003;111:967-73.
27. **Apter AJ**, Boston RC, George M, Norfleet AL, Tenhave T, Coyne JC, Birck K, Reisine ST, Cucchiara AJ, Feldman HI. Modifiable Barriers to Adherence to Inhaled Steroids Among Adults with Asthma: It's Not Just Black and White. *J Allergy Clin Immunol* 2003;111:1219-1226.
28. Strom BL, Schinnar R., **Apter AJ**, Margolis D, Lautenbach E, Hennessy S, Bilker WB. Absence of Cross-Reactivity Between Sulfonamide Antibiotics and Subsequent Sulfonamide Non-Antibiotics. *N Engl J Med* 2003;349:1628-35.
29. Twigg J, Fifield J, Jackson E, Cushman R, Apter A. Treating asthma by the Guidelines: Developing an automated medication management information system for use in primary care. *Disease Management* 2004 Fall;7(3):244-60.

30. **Apter AJ**, Kinman JL, Bilker WB, Herlim M, Margolis DJ, Hennessy S, Lautenbach E, Strom BL. Re-administration of penicillin in patients who have had allergic-like events: examination of a large electronic medical record. *J Allergy Clin Immunology* 2004;113:764-70.
31. Bogen D, **Apter AJ**. An adherence logger for a dry-powder inhaler: a new device for medical adherence research. *J Allergy Clin Immunol* 2004;114: 863-868.
32. Schatz M, Mosen D, **Apter AJ**, Zeiger RS, Vollmer WM, Stibolt T, Leong A, Johnson MS, Mendoza G, Cook FE. The Relationship of Validated Psychometric Tools to Subsequent Medical Utilization for Asthma. *J Allergy Clin Immunol* 2005;115:564-570.
33. Kim C, Feldman HI, Joffe M, Tenhave T, Boston RC, **Apter AJ**. The influences of earlier adherence and symptoms on current symptoms. *J Allergy Clin Immunol* 2005;115:810-4.
34. Schatz M, Mosen D, **Apter AJ**, Zeiger RS, Vollmer WM, Stibolt T, Leong A, Johnson MS, Mendoza G, Cook FE. Relationships among quality of life, severity, and control measures in asthma: an evaluation using factor analysis. *J Allergy Clin Immunol* 2005;115:1049-55.
35. **Apter AJ**, Kinman JL, Bilker WB, Herlim M, Margolis DJ, Hennessy S, Lautenbach E, Strom BL. Is There Cross-Reactivity between Penicillins and Cephalosporins? Investigation using a Large Electronic Medical Record Database. *Am J Med.* 2006; 119(4):354.e11-9.
36. Schatz M, Mosen D, Zeiger RS, **Apter AJ**, Vollmer WM, Stibolt T, Leong A, Johnson MS, Mendoza G, Cook FE. Improved asthma outcomes with allergy specialist care: a population-based cross sectional analysis. *J Allergy Clin Immunol* 2005;116:1307-1313.
37. Schatz M, Zeiger RS, Vollmer WM, Mosen D, **Apter AJ**, Stibolt TB, Leong A, Johnson MS, Mendoza G, Cook EF. Validation of a Beta Agonist Long-term Asthma Control Scale Derived From Computerized Pharmacy Data. *J Allergy Clin Immunol.* 2006;117:995-1000.
38. Schatz M, Zeiger RS, Vollmer WM, Mosen D, Mendoza G, **Apter AJ**, Stibolt TB, Leong A, Johnson MS, Cook EF. The Controller to Total Asthma Medication Ratio Is Associated With Patient-Centered As Well As Utilization Outcomes. *Chest.* 2006; 130: 43-50.
39. Schatz M, Zeiger RS, Vollmer WM, Mosen D, **Apter AJ**, Stibolt TB, Leong A, Johnson MS, Mendoza G, Cook EF. Development and validation of a medication intensity scale derived from computerized pharmacy data that predicts emergency hospital utilization for persistent asthma. *Am J Managed Care* 2006;12:478-484.

40. **Apter AJ**, Cheng J, Small D, Albert C, Fein D, Bennett IM, George M, Van Horne S. Asthma Numeracy Skill and Health Literacy. *J Asthma*. 2006;43:705-710.
41. Williams, LK, Joseph CL, Peterson EL, Wells K, Wang M, Chowdhry VK, Walsh M, Campbell J, Rand CS, **Apter AJ**, Lanfear DE, Tunceli K, Padevall M. Patients with asthma who do not fill their inhaled corticosteroids: a study of primary non-adherence. *J Allergy Clin Immunol*. 2007 Nov;120(5):1153-9.
42. **Apter AJ**, Schelleman H, Addya k, Rebbeck T. Clinical and genetic risk factors of self-reported penicillin allergy. *J Allergy Clin Immunol*. 2008;122:152-8.
43. **Apter AJ**, Paasche-Orlow MK, Remillard JT, Bennett IM, Ben-Joseph EP, Batista RM, Hyde J, Rudd RE. Numeracy and Communication with Patients: they are counting on us. *J Gen Intern Med* 2008;23(12):2117–24. PMID: PMC2596505
44. **Apter AJ**, Wang X, Bogen D, Bennett I, Jennings R, Garcia L, Sharpe T, Frazier C, Ten Have T. Linking numeracy and asthma-related quality of life. *Patient Education and Counseling*. 2009;75:386-91. PMID: PMC2765214.
45. Naimi DR, Freedman TG, Ginsburg KR, Bogen D, Rand CS, **Apter AJ**. Adolescents and Asthma: Why Bother with Our Meds? *J Allergy Clin Immunol*. 2009;123:1335-1341. PMID: PMC3064885
46. Bender BG, **Apter A**, Bogen, DK, Dickinson P, Fisher L, Wamboldt FS, and Westfall JM. Controlled test of a interactive voice response intervention to improve adherence to controller medications in adults with asthma. *Journal of the American Board of Family Medicine* 2010;23:159-65. PMID20207925.
47. Fifield J, McQuillan J, Martin-Peele, Nazarov V, **Apter A**, Babor T, Burleson J, Cushman R, Hepworth J, Jackson E, Reisine S, Sheehan J, Twiggs J. Improving Pediatric Asthma Control Among Minority Children Participating in Medicaid: Providing Practice Redesign Support to Deliver a Chronic Care Model. *J Asthma* 2010;47(7):718-27
48. Black HB, Priolo C, Akinyemi D, Gonzalez R, Jackson DS, Garcia L, George M, **Apter A**. Clearing Clinical Barriers: enhancing social support using a patient navigator for asthma care. *J Asthma* 2010;47(8): 913–919. PMID: PMC2950230
49. **Apter AJ**, Garcia LA, Boyd RC, Wang X, Bogen DK, Ten Have T. Exposure to Community Violence is Associated with Asthma Hospitalizations and ED Visits. *J Allergy Clin Immunol*. 2010;126:552-7. PMID: PMC2936964.

50. Margolis D, Papadopoulos M, **Apter A**, McLean WHI, Mitra N, Rebbeck T. Obtaining DNA in the mail from a national sample of children with a chronic non-fatal illness. *J Investigative Dermatology*. 2011;131:1765-67. PMID: 21509047
51. **Apter AJ**, Wang X, Bogen DK, Rand CS, McElligott S, Polsky D, Gonzalez R, Priolo C, Adam B, Geer S, Ten Have T. Problem-solving to improve adherence and asthma outcomes in urban adults with moderate or severe asthma: a randomized controlled trial. *J Allergy Clin Immunol*. 2011;128:516-23.
52. Lo Re III V, Haynes K, Ming EE, Ives JW, Horne LN, Forier K, Carbonari DM, Hennessy S, Cardillo S, Reese P, Reddy KR, Margolis D, **Apter A**, Kimmel SE, Roy J, Freeman CP, Razzaghi H, Bolic CN, Esposito DB, Van Staa T-P, Bhullar H, Strom BL. Safety of saxagliptin: rationale for and design of a series of postmarketing observational studies. *Pharmacoepidemiology and Drug Safety*. 2012 Nov;21(11):1202-15. PMID: 22763953
53. Black HL, Priolo C, Gonzalez R, Geer S, Adam B, **Apter AJ**. An analysis of contextual information relevant to medical care unexpectedly volunteered to researchers by asthma patients. *J Asthma* 2012;49 (7):731-7. PMID: 22788543
54. Margolis DJ, **Apter AJ**, Gupta J, Hoffstad O, Papadopoulos M, Sandilands A, McLean WHI, Rebbeck TR, Mitra N. The persistence of atopic dermatitis and Filaggrin mutations in a US cohort. *J Allergy Clin Immunol* 2012;130:912-7. PMID: 22951058
55. Garrett JP-D, **Apter AJ**, Hoffstad O, Spergel JM, Margolis DJ. Asthma and frequency of wheeze: risk factors for the persistence of atopic dermatitis in children. *Annals of Allergy, Asthma & Immunology* 2013;110:146-49.
56. -----

----- (b)(4) -----

57. -----
----- (b)(4) -----
-----.

Contributions to peer-reviewed clinical research publications, participation cited but not by authorship:

1. Safety and appropriate use of salmeterol in the treatment of asthma. AAAAI Committee on Drugs, American Academy of Allergy, Asthma and Immunology. J Allergy Clin Immunol 1996 Sep;98(3):475-80.
2. Lowe RA, Localio, AR, Schwarz DF, Williams S, Tuton LW, Maroney S, Nicklin D, Goldfarb N, Votja DD, Feldman HI. Association between primary care practice characteristics and emergency department use in a Medicaid managed care organization. Med Care 2005;43:792-800.
3. Kahn JM, Scales DC, Au DH, Carson SS, Curtis JR, Dudley RA, Iwashyna TJ, Krishnan JA, et al. An Official American Thoracic Society Policy Statement: Pay-for-Performance in Pulmonary, Critical Care, and Sleep Medicine. Am J Respir Crit Care Med 2010;181:752-61.
4. Peters SP, Kunselman SJ, Icitovic N et al. Tiotropium bromide step-up therapy for adults with uncontrolled asthma. N Engl J Med 2010;363:1715-26 (DSMB).
5. Lieu TA, Au D, Krishnan JA, Moss M, Selker H, Harabin A, Taggart V, Connors A, and the Comparative Effectiveness Research in Lung Diseases Workshop Panel (I was a panel member). Comparative Effectiveness Research in Lung Diseases and Sleep Disorders, Recommendations from the National Heart, Lung, and Blood Institute Workshop. Am J Respir Crit Care Med 2011;184:848-856.
6. Calhoun WJ, Ameredes BT, King TS, et al. Comparison of Physician-, Biomarker-, and Symptom-Based Strategies for Adjustment of Inhaled Corticosteroid Therapy in Adults with Asthma, The BASALT Randomized Controlled Trial. JAMA 2012;308:987-97. (DSMB)

Scientific or Medical Publications, non-peer reviewed:

1. **Apter AJ**, Strom BL. Reacting to Antibiotic Allergy. LDI Issue Brief. 2006;11:1-4.
2. **Apter A**, Lushniak B, Warshaw E, Whitmore SE. How Do You Diagnose Latex Allergy? Am J Contact Dermat 1999 Sep;10(3):177-179.
3. **Apter AJ**, Asthma. General Clinical Research Center Newsletter; University of Connecticut 1998;2:1-2.
4. **Apter AJ**, Greenberger PA. Diagnostic challenge: ABPA. Allergy Observer 1987;4(6):2,8,6.

5. Johnson F, **Apter AJ**, ZuWallack R. Asthma: 10 steps to averting hospitalizations. *Consultant* 1996;36:846-8,851-4.
6. **Apter AJ**. Communities and Health: the case of inner-city violence and asthma. *LDI Issue Brief* 2010;16:1-4.

Abstracts:

1. Twigg Joan E, Fifield J, **Apter AJ**, Jackson E, Cushman R, Schauer T, Price L. Does stratifying asthma patient claims by treatment modality improve identification of asthmatics? North American Primary Care Research Group, San Diego, November 4-7, 2000.
2. **Apter AJ**, Van Hoof TJ, Sherwin TE, Casey BA, Petrillo MK, Meehan TP. Assessing the Quality of Asthma Care Provided to Medicaid Patients Enrolled in Managed Care Organizations in Connecticut. American Academy of Allergy, Asthma & Immunology 56th Annual Meeting, San Diego, March 5, 2000. *J Allergy Clin Immunol* 2000;104(1 Part 2):S96.
3. **Apter AJ**, Tor M, Feldman HI. Assessing the reliability of a new electronic monitor for metered dose inhalers. Presented at the American Thoracic Society-ATS-2000 International Conference, Toronto, Canada. May 9, 2000. *Am J Respir Crit Care Med*. 2000; 161: A710.
4. Fifield J, **Apter AJ**, Cushman R, Jackson E, Twigg J. Changes in the process of care following an asthma quality improvement program. North American Primary Care Research Group, November 4-7, 2000.
5. -----
------(b)(4)-----

-----.
6. **Apter AJ**, Joffe M, Weber A, George M, Norfleet AL, Cucchiara AJ, Coyne JC, Schwartz JS, Feldman HI. Potentially modifiable predictors of adherence with inhaled steroids, March 4, 2002 Annual Meeting of American Academy of Allergy Asthma and Immunology and May 15, 2002 University of Pennsylvania Research Day.
7. **Apter AJ**, George M, Norfleet AL, Cucchiara AJ, Joffe M, Feldman HI. Can electronic monitoring of inhaled steroids improve FEV1? May 21, 2002 Annual Congress of the American Thoracic Society and May 15, 2002 University of Pennsylvania Research Day.
8. **Apter AJ**, Boston R, Joffe M, George M, Norfleet AL, Cucchiara AJ, Feldman HI. Can Self-Report of Past Adherence in Asthma Reflect Subsequent Adherence? May 19, 2002. 2002 Annual Congress of the American Thoracic Society and May 15, 2002 University of Pennsylvania Research Day.

9. George M, Birck K, **Apter AJ**. Use of complementary and alternative therapies in adults with asthma. 2002 Annual Congress of the American Thoracic Society and Am Rev Respir Crit Care Med 2002;165:A710.
10. George M, Birck K, Feldman H, **Apter AJ**. Is two-week recall of inhaled steroid adherence accurate? 2002 Annual Congress of the American Thoracic Society. May 2002 and Am Rev Respir Crit Care Med 2002;165:A198.
11. Twiggs, Joan E., Kansas State University, Manhattan, KS; Fifield, Judith; Jackson, Eric; Cushman, Robert; **Apter, Andrea**. Operationalizing asthma pharmacotherapy guidelines through an automated, patient-linked medication management support system for use in primary care. North American Primary Care Research Group, November, 2002.
12. Fifield J, Cushman R, Jackson E, Twiggs J, **Apter A**, Burleson J, Reisine S, Babor T, Sheehan TJ, Hepworth J, Smith E, Peele M, Velez L. Correlates of Control Among Poor, Inner-city, Children with Asthma. North American Primary Care Research Group, November, 2002.
13. **Apter AJ**, Kinman JL, Herlim M, Sallen A, Bilker W, Strom BL. Incidence of events consistent with hypersensitivity reactions to penicillin in a large electronic medical record database. J Allergy Clin Immunol 2003;111(2):S257.
14. **Apter AJ**, Feldman HI, Boston RC, Coyne JC, George M, Norfleet AL, Birck K, Cucchiara AJ. Predictors of adherence differ among subject groups. Annual Congress of the American Thoracic Society. May 16-19, 2003 Seattle, WA and published Am Rev Respir Crit Care Med 2003;167:A155.
15. George M, Freedman TG, Norfleet AL, Feldman HI, **Apter AJ**. Focus groups identify beliefs of low-income urban African American adults with asthma. National Conference on Asthma 2003, oral presentation June 19-23, Washington, DC.
16. George M, Norfleet AL, Pundiak R, and **Apter AJ**. Patient Response to Review of Electronic Inhaled Corticosteroid (ICS) Monitoring Data: Barriers to ICS Use. National Conference on Asthma 2003, oral presentation June 19-23, Washington, DC.
17. Strom, BL, Schinnar, R, **Apter AJ**, Margolis DJ, Lautenbach E, Hennessy S, Bilker WB, Pettitt D. Lack of Specific Cross-Reactivity between Sulfonamide Antibiotics and Subsequent Sulfonamide Non-Antibiotics. International Society of Pharmacoepidemiology and 1st International Conference on Therapeutic Risk Management, August 23, 2003, Philadelphia. Pharmacoepidemiology and Drug Safety 2003;12:S123.
18. **Apter AJ**, Kinman JL, Bilker WB, Herlim M, Margolis DJ, Lautenbach E, Hennessy S, Strom BL. Re-prescription of penicillin in Patients who have had allergic-like reactions: investigation using a large electronic medical record. J Allergy Clin Immunol 2004;113:S67.

19. Fifield JA, **Apter A**, Cushman R, Jackson E, Twiggs J, Sheehan J, Burleson J, Peele M, Reisine S, Hepworth J, Gilchrist A. Predictors of control over time among poor, inner-city children with asthma. *J Allergy Clin Immunol* 2004;113:S100.
20. Glaum, MC, LaRosa DF, **Apter AJ**, Levinson AI. Longstanding Common Variable Immunodeficiency (CVID) Sans Recurrent Sinopulmonary Infections. *J Allergy Clin Immunol* 2004;113:S46.
21. **Apter AJ**, George M, Norfleet, AL, Cooper L, Feldman JI, Fein DL, Pundiak R. Integrating Adherence into the Rest of Life, a Pilot Study of Problem-Solving. Presented May 25, 2004, American Thoracic Society International Conference, Orlando, FL and *Am J Respir Crit Care Med* 2004;169:A704.
22. **Apter AJ**, Kinman JL, Bilker WB, Herlim M, Margolis DJ, Lautenbach E, Hennessy S, Strom BL. Is there cross-reactivity between penicillins and cephalosporins? Investigation of a large electronic medical record database. *Pharmacoepidemiology & Drug Safety*; July, 2004;13, Supplement 1 A35:S18.2004. Presented at International Society of Pharmacoepidemiology. Bordeaux, France. 8/23/2004.
23. Narula S, Cherian S, Chalian A, **Apter A**. Nasopharyngeal lymphoma presenting as intractable nasal congestion in a patient with allergic rhinitis. *J Allergy Clin Immunol* 2005;115(2Supplement):199.
24. Bogen D, **Apter AJ**. The reliability of the Diskus Adherence Logger (DAL). *J Allergy Clin Immunol*. 2005;115(2Supplement):42
25. **Apter AJ**, George M, Albert C, Fein DG, Bennet IM. Asthma numeracy skills and health literacy. American Thoracic Society International Conference 2005. A588.
26. George M, Albert C, Fein D, **Apter A**. Low literacy and asthma prescription errors. American Thoracic Society International Conference 2005. A587.
27. Schatz M, Mosen D, **Apter AJ**, Zeiger RS, Vollmer WM, Stibolt TB, Leong A, Johnson MS, Mendoza G, Cook EF. The relationship of validated psychometric tools to subsequent medical utilization for asthma. American Thoracic Society International Conference 2005.
28. Rao VU, **Apter AJ**. Evaluating the Internet as a Source of Information about Steroids for Asthma Patients. *J Allergy Clin Immunol* 2006; 117:2 (Supplement):S240.
29. Schatz M, Zeiger RS, Vollmer WM, Mosen D, **Apter AJ**, Stibolt TB, Leong A, Johnson MS, Mendoza G, Cook EF. Validation of beta Agonist Long-term Asthma Control Scale Derived from Computerized Pharmacy Data. American Thoracic Society International Conference 2006.
30. **Apter AJ**, Cheng J, Small D, Bennett IM, Albert C, Fein DG, George M, Van Horne S. Numerical Skills and Asthma Outcomes. Oral presentation 2007 Annual Meeting

of American Academy of Allergy Asthma and Immunology. J Allergy Clin Immunol. 2007;119:1:S150.

31. **Apter AJ**, Wan F, Chittams J, et al. Risk Factors for Adults with a History of Penicillin Allergy. 2007 Annual Meeting of American Academy of Allergy Asthma and Immunology. J Allergy Clin Immunol 2007;119:S269.
32. Mahony-Anaya P, Wang X, TenHave T, Frazier C, Jennings R, Mims A, Helker C, **Apter AJ**. Self-efficacy and Situational Barriers to Adherence in Asthma among Low-Income Populations of Color. Accepted for American Thoracic Society International Conference 5, 2007. Am J Respir Crit Care Med 2007;175:A547.
33. Frazier C, Wang X, TenHave T, Mahony-Anaya P, Mims A, Helker C, Jennings R, **Apter AJ**. Symptoms in Asthma-specific Quality of Life Measures are Negatively Associated with Adherence among Low-Income Populations and People of Color with Moderate or Severe Asthma. Accepted for American Thoracic Society International Conference 5, 2007. Am J Respir Crit Care Med 2007;175:A547.
34. Williams LK, Joseph CL, Peterson EL, Wells K, Wang K, Chowdhry VK, Walsh M, Rand CS, **Apter AJ**, Tunceli K, Pladevall M. Primary Non-Adherence to Inhaled Corticosteroids among Patients with Asthma. Am J Respir Crit Care Med 2007;175:A26.
35. -----
------(b)(4)-----.
36. Naimi DR, Freedman TG, Ginsburg K, Bogen D, **Apter AJ**. Adolescents and Asthma: Why Bother with Our Meds? AAAAI March, 2008. J Allergy Clin Immunol 2008;121:S39.
37. **Apter AJ**, Schelleman H, Walker A, Addya Kathakali, Rebbeck T. Clinical and genetic risk factors of self-reported penicillin allergy. AAAA, March 2008. J Allergy Clin Immunol 2008;121:S148.
38. Frazier C, Wang X, Bogen D, Ten Have T, Mahony-Anaya P, Mims A, Helker C, Garcia L, Sharpe T, Becker J, Sanchez J, **Apter A**. Depression's role in asthma. Accepted for American Thoracic Society International Conference 5/2008. Am J Respir Crit Care Med 2008;177:A110.
39. Garcia L, Wang X, Bogen D, Ten Have T, Mims A, Helker C, Frazier C, Mahony-Anaya P, Sharpe T, Becker J, Sanchez J, **Apter A**. Moving is Associated with Asthma Morbidity. Accepted for American Thoracic Society International Conference 5/2008. Am J Respir Crit Care Med 2008;177:A111.
40. Sanchez J, Wang X, Bogen D, Ten Have T, Mims A, Helker C, Frazier C, Sharpe T, Mahony-Anaya P, Becker J, Garcia L, **Apter A**. Report of Smokers in the Home is an Indicator of Poor Adherence. Accepted for American Thoracic Society International Conference 5/2008. Am J Respir Crit Care Med 2008;177:A572.
41. **Apter A**, Mims A, Bogen D, Bennett I, Weber R, Jennings R, Garcia L, Sharpe T, Ten Have T. Attention to numeracy may reduce health disparities in moderate to

severe asthma. NIH National Center on Minority Health and Health Disparities Summit: The Science of Eliminating Health Disparities. December 17, 2008.

42. **Apter A**, Wang X, Bogen D, Bennett I, Weber R, Jennings R, Garcia L, Sharpe T, Frazier C, Ten Have T. Linking Numeracy and Health-related Quality of Life. Presented at American Academy of Allergy Asthma & Immunology Annual Meeting, March, 14, 2009. *J Allergy Clin Immunol* 2009;123:S47.
43. **Apter A**, Becker J, Gross K, Sharpe T, Garcia L, Bogen D, Ten Have T. Neighborhood- and personal-level influences on asthma outcomes. Accepted for American Thoracic Society International Conference 5/2009, *Am J Respir Crit Care Med* 2009;179:A3743.
44. Garcia L, Ten Have T, Sharpe T, Jackson D, Wang X, Bogen D, Weber R, **Apter A**. Exposure to neighborhood violence and ED visits for asthma in adults. Accepted for American Thoracic Society International Conference 5/2009 *Am J Respir Crit Care Med* 2009;179:A1078.
45. Marks K, **Apter A**. A 22-year delay in the diagnosis of type-1 hereditary angioedema in a Mexican Woman. *Ann Allergy Asthma Immunol* 2009;103:A101.
46. **Apter A**, Bennett IM, Bogen D, Garcia L, Sharpe T, Jackson D, Priolo C, Gonzalez R, Wang X, Ten Have T. Literacy influences asthma patients' trust of their physician through knowledge of management. Presented at Health Literacy Annual Research Conference, October 20, 2009, National Academy of Sciences Washington, DC and Department of Medicine Research Day, June 4, 2010.
47. Akinyemi D, Black H, Priolo L, Garcia L, Sharpe T, Gonzalez R, **Apter AJ**. Filling in the Gaps: Designing an asthma-specific patient navigator program. Accepted for oral presentation at American Academy of Allergy Asthma & Immunology Annual Meeting, February 28, 2010 and poster for Department of Medicine Research Day, June 4, 2010. *J Allergy Clin Immunol* 2010;125: Supplement 1, AB121.
48. Adam B.I., Ten Have T, Geer S, Gonzalez R, Black H, Priolo C, **Apter AJ**. How Motivation affects culturally competent behavior and knowledge in providers. Presented 2011 American Thoracic Society International Conference. *Am J Respir Crit Care Med* 2011;183:A2939
49. **Apter AJ**, Bogen DK, Wang X, Rand CS, McElligott S, Polsky D, Ten Have T. Intervening to improve adherence and asthma outcomes in urban adults with moderate or severe asthma. Presented 2011 American Thoracic Society International Conference. *Am J Respir Crit Care Med* 2011;183:A3791.
50. Margolis DJ, **Apter A**, Mitra N, McLean I, Rebbeck T. DNA in the mail. *J investigative Dermatology* 2011;131:S42.
51. Priolo C, **Apter A**, Gonzalez R, Adam BA, Bogen DK. Pulmicort Adherence Logger (PAL) is a reliable monitor of corticosteroid use. Presented May 23, 2012 American Thoracic Society International Conference. *Am J Respir Crit Care Med* 2012;185:A5773.

52. **Apter AJ**, Morales KH, Wang X Bennett I, Gonzalez R, Priolo C, Adam B, Bogen D. Literacy predicts subsequent adherence and asthma outcomes in adults with moderate or severe asthma. Presented May 20, 2012 at American Thoracic Society International Conference. Am J Respir Crit Care Med 2012;185:A2203.
53. Altman M, Apter A, Ginsburg KR, Naimi D. Interviewing adolescents with asthma: are we doing enough. American Academy of Allergy Asthma & Immunology Annual Meeting, February 26, 2013. J Allergy Clin Immunol 2013;131:xx
54. Akinyemi D, Apter AJ, Strom B, Feng R. Reported antibiotic allergy history and outcomes in patients hospitalized with community-acquired pneumonia. American Academy of Allergy Asthma & Immunology Annual Meeting, February 25, 2013. J Allergy Clin Immunol 2013;131:xx
55. Apter AJ, Wan F, Reisine S, Bogen D, Rand CS, Bender B, Gonzalez R, Priolo C, Roy J. The feasibility, acceptability, and preliminary effectiveness of a patient advocate for improving asthma outcomes. Presented May 21, 2013 at American Thoracic Society International Conference, Philadelphia, Pa. Am J Respir Crit Care Med 2013;187:A4952.
56. Rosas-Salazar C, Ramratnam SK, Brehm JM, Han YY, Acosta-Perez E, Alvarez M, Colon-Semidey A, Canino G, Apter AJ, Celedon JC. Parental Numeracy and Asthma Exacerbations in Puerto Rican Children. Presented May 21, 2013 at American Thoracic Society International Conference, Philadelphia, Pa. Am J Respir Crit Care Med 2013;187:A4580.
57. -----
----- (b)(4) -----

Editorials, Reviews, and Chapters (Peer-reviewed):

1. **Apter AJ**, Greenberger PA. Approach to adolescent asthma during pregnancy. The American Journal of Asthma and Allergy for Pediatricians 1988;2(1):19-26.
2. **Apter AJ**. Clinical Consultation: Managing asthma in pregnant adolescents. J Respir Dis 1990;11:666, 671.
3. **Apter A**, Greenberger PA. Allergic bronchopulmonary aspergillosis. Allergy Proceedings. 1990;11:157.
4. **Apter A**, Greenberger PA. Status asthmaticus. Allergy Proceedings 1990;11:168-69.
5. **Apter A**, Evans RE III. Food allergy. Allergy Proceedings 1990;11:173.
6. **Apter AJ**, Rothe MJ, Grant-Kels JM. Allergy consultation in the management of atopic dermatitis. Pediatric Dermatology 1991;8:341-7.

7. **Apter AJ**, Clinical Consultation: Does allergic rhinitis cause olfactory loss: *J Respir Dis* 1993;14:512-3.
8. **Apter A**, Greenberger PA. Allergic bronchopulmonary aspergillosis. *Allergy Proceedings* 1993;14:127-8.
9. **Apter A**, Evans RE III, Miller M, Patterson R. Food Allergy. *Allergy Proceedings* 1993;14:140.
10. **Apter A**, Bracker A, Hodgson M, Sidman J. Epidemiology of the sick building syndrome. *J Allergy Clin Immunol* 1994;94:277-88.
11. **Apter A**, Ledford D, Brenner AM, Rubin K, Prestwood K, Frieri MA, Lukert B. What is Osteoporosis? A Patient Information Pamphlet. *Annals Allergy Asthma Immunol.* 1998;81:193-4.
12. Affleck G., Tennen H., **Apter A**. Optimism, Pessimism, and Daily Life with Chronic Illness. In: Chang EC, (ed) *Optimism & Pessimism, Implications for Theory, Research, and Practice*. Washington, DC: American Psychological Association Books 2001;147-168.
13. **Apter AJ**, Lushniak B, Warshaw E, Whitmore SE. Advice and Consent: How Do You Diagnose Latex Allergy? *American Journal of Contact Dermatology* 1999;10:177-9.
14. **Apter AJ**. The Problems Encountered in Improving Care for Inner-City Children with Asthma. Requested by *Annals of Allergy Asthma & Immunology*. *Ann Allergy Asthma Immunol* 2001;86:147-9.
15. George M, **Apter AJ**. Improving Adherence to Asthma Medications. *Clin Pul Med* 2001;8:257-264.
16. **Apter AJ**. Validity and Novelty, Commentary on Lewis SA et al. Association of specific allergen sensitization with socioeconomic factors and allergic disease in a population of Boston women. On line discussion. *Journal of Allergy & Clinical Immunology*, 5/18/2001.
17. Irani C, **Apter AJ**. Evaluation of Eosinophilia, In: Patterson R, Grammer L, Greenberger P (eds). *Patterson's Allergic Diseases, Diagnosis and Management*, 6th Edition. 2002.
18. Rothe MJ, **Apter AJ**. Erythema multiforme. In: Lichtenstein LM, Busse WW, Geha RS (eds). *Current Therapy in Allergy, Immunology and Rheumatology*, 6th Edition, Philadelphia: Mosby, 2003:105-108.
19. **Apter AJ**. Clinical Advances in Adult Asthma. *J Allergy Clin Immunol* 2003;111:S780-4.
20. **Apter AJ**. Early Exposure to Allergen, Is this the Cat's Meow or Are We Barking Up the Wrong Tree? *J Allergy Clin Immunol.* 2003;111:938-46.

21. Bender B, Milgrom H, **Apter A**. Adherence intervention research: What have we learned and what do we do next? *J Allergy Clin Immunol* 2003;112:489-94.
22. **Apter AJ**, Szeffler SJ. Advances in Adult and Pediatric Asthma, 2002-2003. *J Allergy Clin Immunol* 2004; 113:407-414.
23. Strom, BL, Schinnar, R, **Apter AJ**. Sulfonamide cross-reactivity. *Letter N Engl J Med.* 2004;350:303.
24. George M, **Apter AJ**. Gaining insight into patients' beliefs using qualitative research methodologies. *Current Opinions in Allergy.* 2004;4:185-189.
25. LaRosa DF, **Apter AJ**. Assessing osteoporosis risk in asthma and COPD. *J Respir Dis* 2004;25:377-384.
26. LaRosa DF, **Apter AJ**. Preventing and managing osteoporosis in patients with asthma and COPD. *J Respir Dis* 2004;25:426-430.
27. Szeffler SJ, **Apter AJ**. Advances in Pediatric and Adult Asthma, 2004. *J Allergy Clin Immunol* 2005;115:470-477.
28. Narula S, Cherian S, Chalian A, **Apter A**. A 65 year old woman with intractable nasal congestion. *Ann Allergy Asthma Immunol.* 2006 Feb;96(2):281-5.
29. Rao VU, **Apter AJ**. Steroid Phobia and Adherence - Problems, Solutions, Impact on Benefit/Risk Profile. *Immunol Allergy Clin North Am.* 2005 Aug;25(3):581-95.
30. **Apter AJ**, Eggleston PA. Controlling the Environment: Benefits and limitations. In: L'Enfant C, Szeffler S, Pedersen S(eds). *Childhood Asthma: Breaking Down Barriers.* Marcel Dekker, 187-212, 2006.
31. **Apter AJ**. The Influence of Health Disparities on Individual Patient Outcomes: What is the Link between Genes and Environment? *J Allergy Clin Immunol.* 2006;117:345-50.
32. **Apter AJ**, Szeffler SJ. Advances in Adult and Pediatric Asthma, 2006. *J Allergy Clin Immunol.* 2006;117:512-518.
33. Gergen PJ, **Apter AJ**. Unconventional risk factors: another pathway to understanding health disparities. 2007;119:165-7.
34. **Apter AJ**. Advances in Adult Asthma 2006, Its Risk Factors, Course, and Management. *J Allergy Clin Immunol.* 2007;119:563-6.
35. **Apter AJ**, Reply. *J Allergy Clin Immunol* 2007 Jun 23; [Epub ahead of print]. *J.* 2007 Sep;120(3):729.

36. **Apter AJ.** Advances in the care of adults with asthma and allergy in 2007. *J Allergy Clin Immunol* 2008;121:839-44.
37. McQuaid EL, Tien KJ, **Apter AJ.** Improving adherence. In: Castro M, Kraft M (eds). *Clinical Asthma*. Mosby Elsevier: Philadelphia. 2008: 449-458.
38. **Apter AJ,** Weiss ST. Chapter 46:Asthma Epidemiology. In: Fishman A, Fishman JA, Elias JA, Grippi MA, Kaiser LB, Senior RM (eds) *Fishman's Pulmonary Diseases & Disorders*, 4th Edition. New York: McGraw Hill. 2008. pp 787-798.
39. **Apter AJ,** Bender BG, Rand CS.Adherence. In: Adkinson NF Jr, Busse WW, Bochner BS, Holgate ST, Simons FER, Lemanske RF (eds). *Middleton's Allergy: Principles and Practice*, 7th Edition. Elsevier: London. 2008:1473-1483.
40. **Apter AJ.** Advances in Adult Asthma Diagnosis & Treatment and Health Education, Delivery, & Quality in 2008. *J Allergy Clin Immunol* 2009;123:35-40. PMID: PMC3081692
41. **Apter AJ,** Schelleman H, Rebbeck T. Reply to Gueant et al. *J Allergy Clin Immunol* 2009;123:509-10.
42. Zemble RM, **Apter AJ.** Evaluation of Eosinophilia, In: Grammer LC, Greenberger PA (eds). *Patterson's Allergic Diseases, Diagnosis and Management*, 7th Edition. Lippincott Williams & Wilkins/Wolters Kluwer: Philadelphia. 2009; pp 57-72.
43. **Apter AJ,** Casillas AM, Eliminating Health Disparities: What Have We Done and What Do We Do Next? *J Allergy Clin Immunol* 2009;123:1237-39. PMID: PMC3065327
44. Naimi D, **Apter AJ.** Adolescents and Asthma. In: Harver A, Kostas H. *Asthma, Health, and Society: A Public Health Perspective*. Springer, New York. 2010:201-216.
45. **Apter AJ.** Advances in adult asthma diagnosis and treatment and HCEDQ in 2009. *J Allergy Clin Immunol* 2010;125: 79-84. PMID: PMC2907650
46. Krishnan JA, Schatz MX, **Apter AJ.** A call for action: comparative effectiveness research in asthma. *J Allergy Clin Immunol*. 2011;127:123-7. PMID: PMC3017678
47. **Apter AJ.** Advances in adult asthma diagnosis and treatment and HEDQ in 2010. *J Allergy Clin Immunol* 2011;127:116-22.
48. -----(b)(4)-----,

- -----(b)(4)-----
 -----.
49. -----
 -----(b)(4)-----
 -----.
50. **Apter AJ.** Advances in Adult Asthma Diagnosis and Treatment and HEDQ in 2011: What Goes Around Comes Around. *J Allergy Clin Immunol* 2012;129: 69-75.PMID:21211646.
51. Effing T, Bourbeau J, Versoulen J, **Apter A**, Coultas D, Meek P, van der Valk P, Partridge M, van der Palen J. Self-management Programmes for COPD: Moving Forward. *Chronic Respiratory Disease*. 2012 Feb;9(1):27-35.
52. Fuhlbrigge A, Peden D, **Apter A**, Boushey HA, Camargo C, Gern J, Heymann PW, Martinez FD, Mauger D, Teague D, Blaisdell C. Asthma Outcomes: Exacerbations. *J Allergy Clin Immunol* 2012 Mar;129(3 Suppl):S34-48.PMID:22386508
53. Rosas-Salazar C, **Apter AJ**, Canino G, Celedon JC. Health Literacy and Asthma. *J Allergy Clin Immunol*. 2012;129:935-42. PMID:22326486
54. **Apter A.** Enhancing patient adherence to asthma therapy. In: UpToDate, Basow DS (Ed), UpToDate, Waltham, MA, 2012.
55. **Apter A.** What do patients need to know about their asthma? In: UpToDate, Basow DS (Ed), UpToDate, Waltham, MA, 2012.
56. **Apter AJ.** Advances in Adult Asthma Diagnosis & Treatment in 2012: Potential therapeutics and gene-environment interactions. *J Allergy Clin Immunol*. 2013 Jan;131(1):47-54.PMID: 23265695
57. -----(b)(4)-----

58. -----
 -----(b)(4)-----
 -----.
59. -----
 -----(b)(4)-----
 -----.

Books

Kurup V, **Apter AJ**, Editors. Allergy and Immunology Clinics of North America: Bronchopulmonary Aspergillosis, W.B. Saunders, Vol 18 (3), August, 1998.

Alternative media (selected) and lay press:

Johnson, Greg, A link between asthma and violence? Penn Current, September 30, 2010.

Grens, Kerry, WHYY-FM (NPR) Freq. 90.9, Philadelphia | [DMA: 4](#)
09/03/2010, 06:32 AM - 06:40 AM. Penn Study links violence and ER visits for asthma

Penn Study links violence and ER visits for asthma News 12 Brooklyn, New York |
[DMA: 1](#) 09/02/2010, 08:00 AM - 09:00 AM

Goldstein, Josh, Penn Study links violence and ER visits for asthma. The Philadelphia Inquirer, September 6, 2010.

Apter AJ, Counterpoints like music and family keep Andrea J Apter, MD, MSc in Harmony, Work-life Balance, ATS News, Volume 36, no. 8. August 2010

Podcast interviews for those in-the-know about health literacy with Helen Osborne
<http://www.healthliteracyoutloud.com/2010/05/25/hlol-38-health-numeracy-helping-patients-understand-numeric-concepts/>

Finn R. Allergies to Other Drugs May Predict Penicillin Allergy. Internal Medicine News June 1, 2007:40.

Apter AJ. Asthma can be aggravated by urban living conditions. The Philadelphia Tribune. Sunday, October 15, 2006.

Apter AJ, Burgh DY. Asthma has harsh effects on Blacks. The Philadelphia Tribune. Sunday, October 23, 2005: p3 (5E).

http://www.certs.hhs.gov/whats_new/archive/2004/20040628_01.html What's New.CERTS, Agency for Health Care Research and Quality.

USA Today (NAT) 4/29/04 11:20 AM (134287669). Penicillin allergy

WCBS News Radio 880 (NY). 4/29/04 10:14 AM (134275826). Penicillin allergy.
New York Times (NY); 4/29/04 8:09 AM (134242640),

George M, Apter AJ. Interview by Christine Haran 6/6/2003 for abcnews.com on our paper: JACI 2003;111:967-73 . Sticking to the Schedule: Why People Don't Take Their Asthma Medication.

http://abcnews.healthology.com/focus_article.asp?f=asthma&b=abcnews&c=xml_asthma. July 2003. Also 7/11/03

http://www.abcnews.go.com/sections/living/Healthology/HO_asthmameds.html

Pollack, A. First Biotech Drug to Treat asthma Clears Key Panel. NY Times. Section C, page 1. May 16, 2003. (quoted)

Alex Gramling, "For Many Physicians, DTC Means Direct to Conversation, Medcast Medical News, Nov 9, 1998. Interviewed and cited in article.

Apter AJ, American Public Radio, Farmington, CT, Americans and Allergies, 3/29/98.

